

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

lished 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

3 2 7 6
CXXXVIII

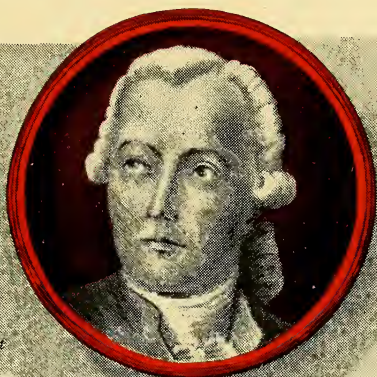
NOVEMBER 21, 1942

Annual Subscription (with
Diary) 25/-. Single Copies 9d.

INTERESTING
EVENTS



The famous Experiment



IN PHARMACY
No 17



The infamous instrument

ANTOINE LAVOISIER

1743

1794

His life and work glorified France—his death under the guillotine threw another awful shadow on the deeds of man. Priestley's experiment gave Lavoisier the clue to the discovery of Oxygen—one of the milestones of progress.

BURGOYNE BURBIDGES

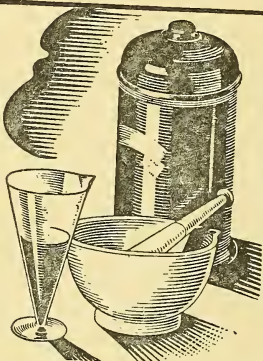
Established 1741 & COMPANY LIMITED, LONDON, E.6



... meditate on these lessons of greatness and baseness—hopeful that mankind, especially in these dark days, will yet learn from its mistakes.

EUTHYMOL

and the Pharmacist



Chemists perform a vital National service. They comprise a highly important part of the machinery for maintaining the nation's health: the medical profession unhesitatingly relies upon them to dispense prescriptions accurately. They are authorities on toilet preparations as well as drugs, and their opinion is always worth attention. For over forty years they have been recommending

Euthymol
TOOTH PASTE

The letters M.P.S. stand for "Member of the Pharmaceutical Society" and signify that the holder is a registered qualified chemist. The important place in health. Your

him to d
tions acc
nized
ugs a
as

Advertisements such as these are now appearing in well-known periodicals. In view of the Memorandum to the Beveridge Committee, they should be helpful in stimulating a wider appreciation of the services that pharmacists are rendering to the community

Parke, Davis & Co.
50 Beak St. W. I.

Milton' Bulletin No. 9

THE LAST OF THE SHOWCARDS

KEEP FOR SALVAGE LATER. Under the Control of Paper (No. 48 Order, 1942), the production of showcards is forbidden. This automatically increases the value of existing display material, and we urge all chemists to take care of 'Milton' showcards for future use.

Do **not** send showcards for salvage now. Make use of them as long as possible. They will be just as valuable for salvage later on, when they have become obsolete or worn out.

SHOWCARDS AVAILABLE. We have sufficient stocks to supply each chemist ordering with two striking 'Milton' bottle reproductions for window use now that 'Milton' should not be shown in windows owing to the absence of cartons. Write "Showcards Required" on your order to secure them and keep them carefully. **They cannot be replaced.**



Send for this attractive showcard, which is available for Milton Antiseptic. Others are available in limited quantities for Milton Denture Powder, Milton Dental Cream, and Milton Ointment.

'MILTON' PRODUCTS. The position with regard to supplies of 'Milton' products is as follows:—

MILTON ANTISEPTIC. The 1s. 4d. and 3s. 4d. sizes have been discontinued, leaving only the 8d. and 1s. 11½d.

MILTON OINTMENT. The 7d. size has been discontinued, leaving only the 1s. 1½d.

MILTON DENTAL CREAM. The 7½d. size has been discontinued, leaving only the 1s. 2d.

Milton Antiseptic Ltd., Chapel Lane, Sands, High Wycombe, Bucks

M.O.F. A Doctor writes:

During recent years medical scientists have placed increasing emphasis on the importance of diet as a factor in the well-being of the individual. While this principle is capable of general application to the community as a whole, it applies with special force to the expectant and nursing mother and her dietetic requirements have specially attracted the thought of research workers and dietitians.

The makers of M.O.F. have made a careful study of the results of these researches, and the manufacture of this food has been so designed as to incorporate many of the elements that modern science has discovered in regard to the vital needs of the pregnant woman and her child.

One of the chief aims in antenatal supervision and care is to maintain the patient's health at as high a level as possible. In this policy nothing is more important than a food such as M.O.F. . . . such a foodstuff can be recommended with every confidence, not only as palatable and easily digestible, but, what is more important, as one which will guard the expectant mother against many of the disorders of pregnancy and lactation and help to ensure the birth of a healthy baby. . . .

Signed M.D.. F.R.C.S.E.

RETAIL PRICE

1/9

per l-lb.
tin

M.O.F.

(MIDLOTHIAN OAT FOOD)

The Certificate of the Royal Institute of Public Health and Hygiene has been awarded in respect of M.O.F.

**FOR EXPECTANT AND NURSING MOTHERS
WEANING INFANTS AND INVALIDS**

*Specially processed from the finest
Scottish Groats by A. & R. SCOTT LTD.,*

COLINTON, MIDLOTHIAN, SCOTLAND

Collosol Manganese Crookes'

marked results have been obtained in the treatment of coccogenic and pyogenic infections by the use of *Collosol Manganese*. It is invariably tonic and stimulating, and increases the protective powers of serum proteins.

Since it is a colloidal preparation, precipitation on admixture with the blood must be prevented and this is achieved by the use of suitable colloidal protective agents. Injected intramuscularly, there is the minimum of discomfort, and by the oral route *Collosol Manganese* may be administered to children with perfect safety.

Full details of packings and prices available on request.



use in the *for* treatment of
 BOILS • CARBUNCLES • ABSCESSES
 CHRONIC ULCERS • GONORRHOEA
 ACNE • PSORIASIS, ETC.

THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
 Telephone: Willesden 6313 (5 lines) Telegrams: Collosols, Harles, London



"I know it is difficult"

**RENDELLS
SILATEX
SANTRON
MENSINOLE**

Your customers continually ask for **SILATEX** and **SANTRON** and yet you cannot obtain sufficient supplies to meet the demand. We are doing our best to arrange distribution to wholesalers so that all Chemists obtain their fair share. The demand is ever increasing but the shortage of raw material is a matter we know you will understand.

There is no shortage of **RENDELLS** or **MENSINOLE** and all Wholesalers now have ample stocks, so continue to display Rendells Products for Feminine Hygiene. It creates new customers and gives confidence to regular users.

Special Chemists' Display Material is still available, so write to-day for a supply.

RENDELLS PRODUCTS

For Feminine Hygiene

X J RENDELL LTD · HARDWICK HOUSE · 161-5 ROSEBERY AVENUE · LONDON E.C.1

TRAVEL SICKNESS

AIR, SEA, TANK, MOTOR CAR, TRAIN

EXHAUSTIVE practical tests have proved VASANO to be of the highest value as a prophylactic against travel sickness. These repeatedly confirmed results are based on precise scientific experiments.

VASANO has been officially prescribed for use on passenger vessels of numerous sea and air lines.

VASANO is an association of the mandragora alkaloids, hyoscyamine and hyoscine, with camphoric acid. It is quite harmless in the prescribed doses.

Given per os VASANO tablets form an efficient prophylactic. If vomiting has already set in, VASANO suppositories per rectum provide an effective cure. VASANO is suitable for both children and adults. **ORIGINAL PACKINGS**—Packets of 4 tablets. Packets of 10 tablets. Boxes of 10 suppositories.

VASANO

PRODUCT OF

BRITISH  SCHERING

BRITISH SCHERING LTD.

185-190 HIGH HOLBORN, LONDON, W.C.1

INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd.	11
Aimer, G. C. & Co., Ltd.	11
Anglo-French Drug Co., Ltd.	Leader Page
Aristol Products	Col. Supp.
Armour Laboratories, The	12
Bailey, R., & Son, Ltd.	14
Bell, John, Hills & Lucas, Ltd.	Leader Page
Berg, V., & Sons	11
Berton, Arthur, Ltd.	14
Blackwell, Hayes & Co., Ltd.	iv
Boake Roberts, A., & Co., Ltd.	Leader Page
Borys Beauty Products, Ltd.	Col. Supp.
Briceas, Ltd.	14
British Drug Houses, Ltd., The	Cover iv
British Schering, Ltd.	5
British Thomson-Houston Co., Ltd.	16
Brook, Parker & Co., Ltd.	vi
Buckinghamshire Paper & Box Co., Ltd.	16
Burgoyne Burbidges & Co., Ltd.	Front Cover
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	23
Camden Chemical Co., Ltd.	ix
Carillon Press, Ltd.	16
Carnegie Chemicals (Welwyn), Ltd.	18
Cartwright, W. B., Ltd.	17
Coates & Cooper, Ltd.	15
Cohen, G., Sons & Co.	Col. Supp.
Cox, Arthur H., & Co., Ltd.	8
Creighton (Agencies) Co.	Col. Supp.
Crookes Laboratories (British Colloids, Ltd.)	3
Dales Aspirin Co.	11
Daniel, Richard, & Son, Ltd.	11
Distillers Co., Ltd.	xii
Domewood, Ltd.	Leader Page
Dominion Steel Corporation, Ltd.	viii
Economic Utilities, Ltd.	iv
Everett, S. & R. J., & Co., Ltd.	15

(continued overleaf)

The demand for Serocalcin is greater than ever this year

What about your stock?

Nothing is more annoying to the pharmacist or more disappointing to his customers than to be "out of stock." Like you, we want to avoid this where Serocalcin is concerned, and we are doing our very best to make the distribution as even and fair as possible. If you will co-operate with us in ordering early—now—disappointment can be avoided.

SEROCALCIN PREVENTS COLDS

INDEX—(contd.)

Fecher, M. J., Ltd.	6	National Association of Opticians	
Fennings, A.	22	Newball & Mason, Ltd.	
Freudentheil, Smith & Co.	Leader Page	Oxo, Ltd.	
Genatosan, Ltd.	viii	Parke, Davis & Co.	Cover
Gilbert, J. C., Ltd.	ii	Phosferine (Ashton & Parsons), Ltd.	
Griffiths Hughes, B., Ltd.	x	Pifco, Ltd.	
Hall, Forster & Co., Ltd.	14	Potter & Clarke, Ltd.	
Hampshire, F. W., & Co., Ltd.	9	Prideaux's, Ltd.	
Harnam Dietetic Laboratories, Ltd.	Col. Supp.	Pure Products, Ltd.	Leader P
Harris, Hart & Co., Ltd.	iii	Rawstron, F.	Col. Su
Harrogate Tablet Co., Ltd.	xiii	Revai A. & Co., Ltd.	Col. Su
Harwoods Laboratories, Ltd.	5	Riley, J., & Sons, Ltd.	
Henshaw, J. L.	Col. Supp.	Samona, Ltd.	
Howard, Lloyd & Co., Ltd.	v	Samuelson, P., & Co.	
Howards & Sons, Ltd.	i	Savory & Moore, Ltd.	Leader P
International Laboratories, Ltd.	xii	Schutze, F., & Co., Ltd.	
Iodine Educational Bureau.	12	Schweppes, Ltd.	
Jackson, G., & Sons, Ltd.	xii	Scott, A. & R., Ltd.	
Jeffreys, Miller & Co., Ltd.	xii	Scurr, C. A.	Col. Su
Keenes Laboratories, Ltd.	x	Sessions, W., Ltd.	
Lax & Shaw, Ltd.	20	Simpkin, A. L., & Co., Ltd.	
Leigh & Sons Metal Works.	11	Splendor, Ltd.	
Lennard Lee-Narvill & Co.	13	Stanning Proprietaries.	
Lennon, Ltd.	v	Stokes, C. A., & Co., Ltd.	Col. Su
Light, L., & Co., Ltd.	iv	Sturge, John & E., Ltd.	
Lofthouse & Saltmer, Ltd.	x	Sumner, R. & Co., Ltd.	Leader P
Marlene Products.	Col. Supp.	Surgical Hosiery Co., Ltd.	
Matthews & Wilson, Ltd.	viii	Thawpitt (Proprietary), Ltd.	
Matthews Laboratories, Ltd.	Leader Page	Thompson & Capper Wholesale, Ltd.	
McClure, Young & Co., Ltd.	xi	Town Talk Polish Co.	
Medico-Biological Laboratories, Ltd.	xv	Tuteur & Co., Inc.	
Mehta Bros.	ii	Veno Drug Co., Ltd.	
Menley & James, Ltd.	vii	Warrick Bros., Ltd.	
Milton Antiseptic, Ltd.	1	Washington Chemical Co., Ltd.	
Ministry of Supply.	Col. Supp.	Watford Chemical Co., Ltd.	
Momand, Don S., Ltd.	13	Whiffen & Sons, Ltd.	Cover
Mysore, Trade Commissioner for, in London.	iii	Wilson & Mansfield, Ltd.	
Napp, H. R., Ltd.	Leader Page	Zems, Ltd.	
		Zimmermann, C., & Co., Ltd.	

WORTH YOUR ATTENTION! CAUSTIC PENCILS



The "NOSHOK" (Rubber Set) Practically Unbreakable
4/9 doz.



The "KRISTAL" in Glass Container
3/3 doz.

BOTH STURDY, RELIABLE AND AVAILABLE

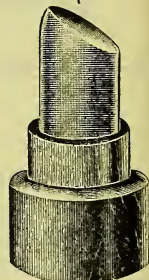
MENTHOL CONES UP-TO-DATE

OF ALL LEADING WHOLESALEERS or CARRIAGE PAID DIRECT FROM
M. J. FECHER, LTD., SLOUGH TRADING ESTATE, SLOUGH, BUCKS

'Phone: SLOUGH 21864

ESTABLISHED 1891

"FINGERTIP"



The
"FINGERTIP"
(Registered Design)
@ 10/9 doz.
Purchase Tax extra

Excellent Prescriptions for a healthy business!



ENO - ENO
HERMOGENE
PHENSIC

Products in universal demand are a guarantee of good business. A platitude! But it pays to remember a homely truth like this when you see your stocks of Venolene, Eno, Thermo-gene or Phensic thinning out. There is neither pleasure nor profit in running short of lines which millions ask for every day. So keep a wary eye on your shelves! Order well ahead. Then you will be sure of a healthy turnover and have the satisfaction of knowing that your goodwill throughout the neighbourhood is maintained.

VENO DRUG CO. LTD.
CHESTER ROAD · MANCHESTER, 16



SPECIALISTS IN THE MANUFACTURE OF
PILLS & TABLETS

Accuracy, Uniformity,
Dependability



Arthur H. **COX** & Co. Ltd.
BRIGHTON

VIGOROUS, CONTINUOUS ADVERTISING

**ENSURES
STEADY
SALES**



Strong advertising, seen

week after week by millions of people,

keeps Zubes Cough Cure in good demand. The worst of the winter is ahead—so is the peak demand for Zubes Cough Cure. Make a good show and get your share

of the big business.

Retailing at $1/3$, $1/8$ & $2/5$

Made by

F. W. HAMPSHIRE & CO., LTD.

Manufacturing Chemists

SUNNYDALE, DERBY

(Makers of the famous ZUBES)

ZUBES
COUGH CURE

The Popular PHOSFERINE PRODUCTS

are on the P.A.T.A. List

EMERGENCY
PACK No. 2
3/3d.



EMERGENCY PACK
No. 1, 1/4d.

The great demand for Phosferine Products has created many problems connected with the manufacture, packing and distribution of these very popular lines. But these difficulties, as they arise, are being overcome.

It will be necessary to introduce emergency packs for Phosferine Tablets, owing to the shortage of glass and the difficulty of obtaining carton board. These new packs, wax paper tubes, are illustrated in the group of Phosferine Products.

PHOSFERINE (ASHTON & PARSONS) LTD., King Georges Avenue, WATFORD · HERTS.

VICHY WATER



BY APPOINTMENT TO
H. M. THE KING

The attention of the Medical profession is drawn to the fact that a water approximating closely to the natural water of the Vichy spring is produced in England. The analysis of Burrow's Malvern Vichy is as follows:

Expressed in parts per 100,000

BURROW'S MALVERN-VICHY

Calcium bicarbonate (CaHCO_3)	8.83
Magnesium bicarbonate (MgHCO_3)	8.71
Sodium bicarbonate (NaHCO_3)	437.80
Sodium sulphate (Na_2SO_4)	29.67
Sodium chloride (NaCl)	31.63
Potassium chloride (KCl)	14.32
Iron and Alumina, Silica, etc.	1.05
	<u>532.01</u>

W. & J. BURROW · LIMITED · MALVERN

WHOLESALE DISTRIBUTORS: SCHWEPPES LTD. · WOODLANDS · WEST HILL · PUTNEY · S.W. 15
FROM WHOM SAMPLES ARE OBTAINABLE UPON APPLICATION.

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
 INFUSIONS · OINTMENTS · SUPPOSITORIES
 PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
 classes of Pharmaceutical Preparations in bulk or packed*

RICHARD DANIEL & SON, LTD, DERBY.
 TELEPHONE: DERBY 4266/7/8 TELEGRAMS: DANIA DERBY

GLASS BLOWING

OF EVERY DESCRIPTION

MEDICAL, SURGICAL AND LABORATORY

BENCH BLOWN GLASSWARE

B. C. AIMER & CO. 56-8 ROCHESTER PLACE
 CAMDEN RD., N.1
 GUL 3618

THE NATIONAL ASSOCIATION OF OPTICIANS

The next Examination will be held in
 Edinburgh, May 1943.

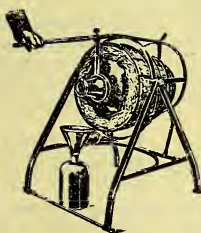
REVISED SYLLABUS, ETC.

SECRETARY N.A.O., 130 Princes Road, Liverpool, 8

CARBOY STAND AND TILTER

For drawing off small
 quantities of Acids from
 Carboys.

The Carboy can be tipped to
 any position with one
 hand.



**LEIGH & SONS
 METAL WORKS**
 Orlando St., BOLTON

MANOIDS · NEVROIDS · URICURE TABLETS OCCASIONAL PILLS

THE ACTON PILL & TABLET Co. Ltd.
 ASH VALE, SURREY.
 and all Sundries Houses.

Makers of COMPRESSED TABLETS

for the Manufacturing and Wholesale Trade only

The DALES ASPIRIN COMPANY (H. A. TOLKIEN) PROPRIETOR

Output of Saccharin
 and Aspirin Tablets sold for some months ahead

SILSDEN, Nr. KEIGHLEY, Yorks.



**MEDICINAL PRODUCTS
OF
ANIMAL ORIGIN**

Chemist Counter Lines

**ARMOUR'S JUNKET PRODUCTS
(TABLETS, POWDER, ESSENCE)
GLANOID CALF'S FOOT JELLY
GLANOID BEEF JUICE**

**A FULL RANGE OF GLANDULAR
PRODUCTS PREPARED FROM FRESH
WARM GLANDS SUPPLIED IN
AMPOULES, TABLETS, LIQUIDS
AND CAPSULES
available in Package Form
or Bulk Containers**

Also PEPSIN all strengths

PEPTONE
both Bacteriological
and Commercial

**ADRENALIN B.P. 1932
(Pure)**

PANCREATIN U-S-P

OX GALL **Inspissated
Powdered
Purified**

BILE SALTS POWDER

Send your enquiries to:

**THE
Armour Laboratories**

ARMOUR AND COMPANY LTD
THORNTON HOUSE · FINSBURY SQUARE · LONDON · E.C.2

'Phone
Keivin 3661

Grams
"Armosata-Phone," London

NEW FACTS

on the uses of IODINE

for many common ailments, including
**THE COMMON COLD, INFLUENZA
ASTHMA and HAY FEVER**

Iodine has a wide field of service in medicine and therapy. Many up-to-date therapeutic and prophylactic uses of iodine are described in our new bulletin "The Hygiene of War." Write for a copy to-day.

IODINE EDUCATIONAL BUREAU
21 Stone House, Bishopsgate, London, E.C.

Simpkin's

GLUCOSE BARLEY SUGAR

can be supplied against Ration Documents to chemists throughout the country in proportionate amounts to quotas given in the period January 1st to June 1st, 1942

Transfer Forms to be forwarded as soon as received, *DIRECT TO SHEFFIELD*, as owing to the points demand exceeding available stocks it may be rendered impossible to supply if you retain your Transfer Forms until our representative calls. If a representative cannot deliver, the goods will be sent direct when due

A. L. SIMPKIN & CO., LTD.
Pharmaceutical Laboratories, Sheffield, 6



**More and
more women**



every day



More and more women every day are being drawn into services demanding strenuous non-stop activity *every* day of every month. No wonder that Tampax sales are going up. Women at work discover the difference Tampax makes—in comfort, confidence and convenience. Present supplies are available to meet the need and Tampax displayed in your window and on your counter will assure rapid turnover—and a regular repeating demand.



TAMPAX
TRADE TERMS
(P.A.T.A. PRICES)

	Wholesale	Retail
Packets of 3.	5/3 doz.	7d. pkt.
" " 10.	15/9	" 1/9

Manufactured in England by

Tampax Limited, Belvue Road, Northolt, Middlesex.

Sole Distributors SPLENDOR LTD, 5 Beesmarket Hill,
Nottingham, & 7c Lower Belgrave Street, London, S.W.1

Face Powder

LEE-NARD'S WHITE BOX
BRAND PERFUME
DE-FLEURS FACE POWDER

This Product has proved to be very satisfactory. We have therefore decided to offer this Product in a Proprietary Pack, in the following shades: Peach, Naturelle, Suntan, Rachele, and Brunette.

One size only, approximately 2 ozs.

Retailing at 2/11 including tax.

Delivery about four weeks.

"Lee-nard's" Dept.
LENNARD LEE-NARVILL & CO
Lee-Narvill Laboratories, Hull

Dentesive

THE NEW SCIENTIFIC DENTURE
FIXATIVE IN CREAM FORM

**HOLDS FALSE
TEETH FIRM**



GIVES COMFORT, CONFIDENCE, SECURITY
DENTISTS RECOMMEND IT

Price 7½d. and 1/3

Sole Distributors: DON S. MOMAND LTD.
10/15 CHITTY STREET, LONDON, W.1

"SURCO"

RELIABLE

ELASTIC HOSIERY

SEAMED AND SEAMLESS

For special garments to measure
we give the best possible service

SURGICAL BELTS TRUSSES AND SUNDRIES

50 years' service of
everything Surgical

SURGICAL HOSIERY CO. LTD.

Russell Street - NOTTINGHAM

Telephone No. 75903 Telegrams: Surgical Nottm.

SURGICAL DRESSINGS

Wholesale Only

Enquiries are invited for any of the following
manufactures—

Cotton Wools
Boric Acid Wool
Grey Wool
Gauze and Cotton Tissue
Absorbent Gauze
Boric Acid Gauze
Iodoform Gauze
Mercury and Zinc Cyanide
Gauze
Picric Gauze
Ribbon Gazues
Absorbent Lint
Boric Lint
Picric Lint
W.O.W. Bandages
Crepe Bandages
Domettes
Flannel
Muslin
Triangular Bandages

Fast Edge Bandages
Standard Dressings
Merchant Ships Dressings
Neck Wools
Bacteriological Wools
First Aid Dressings



ARTHUR BERTON LTD.

BRITANNIA HOUSE

256/260 OLD STREET, LONDON, E.C.1

SURGICAL DRESSINGS SANITARY TOWELS SPONGE BAGS POWDER PUFFS ETC.

ESTABLISHED 1850

FRAGRANT TONIC HAIR CREAM

"Makes the hair behave"

Prepare your own supplies of this high grade cream, easy to make up, costs less than 2d. per oz. All materials available, also Bottles, Screw Caps, Corks and smart Gold Seal labels. Send stamp for List.

BRICCAS LTD.

4 Cavendish Place, London, W.1. Langham 1183

Three profitable lines . . .

Licoricine

BRAND ACTS LIKE MAGIC

FOR COUGHS AND COLDS
FENOLIN FLUID

AND
ELDON VAPORISERS
FOR WHOOPING COUGH

HALL FORSTER & CO. LTD.

NEWCASTLE-ON-TYNE

ROBERT BAILEY & SON, LTD.

SURGICAL DRESSING MANUFACTURERS

DYSAULT STREET, GREAT MOOR, STOCKPORT.
TELEPHONE: GREAT MOOR 3006 (LINES) TELEGRAMS: "UNIKRATED" STOCKPORT.

No Shortage of Supplies!

GYNOMIN

REGD. TRADE MARK

The question of contraceptives is probably one of the most difficult that you may be called upon to answer. You can recommend only a preparation which has been tried and tested and found absolutely reliable by the Medical Profession for the past 25 years. You can with confidence recommend Gynomin.



Ethical Literature available on request.

COATES & COOPER LTD
NORTHWOOD · MIDDLESEX · ENGLAND

**OUR PUBLICITY WILL
BRING NEW CUSTOMERS
TO YOUR PHARMACY**



**RETAILS AT
3/6
PER TUBE
OF 12 TABLETS**

F. SCHUTZE & CO., LTD.

ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES
SUSPENSORY BANDAGES
JOCK STRAPS, etc., etc.

PERFUMERY BOTTLE WICKERERS in RAFFIA
or SILK, plain or fancy, wide range of designs.
Own bottles wickered at moderate cost

**Black Bull Works, Market Road,
London, N.7**

PIFCO

INFRA-RED & RADIANT HEAT

Lost holidays, extra working hours and more worries take toll on health. The benefits of Infra-Red Rays in combating "nerves" and treating such ills as Lumbago, Neuralgia, Rheumatism and Sciatica, etc., are making big demands for this simple for-the-home Infra-Red and Radiant Heat Lamp. Take your share of this business.

Write for fullest particulars to-day
PIFCO LTD., London: 63 Great
Watling St., Manchester | Eastern St., E.C.2

DEFEATS THE WINTER CHILLS



WHOLESALE & EXPORT ONLY

HYPODERMIC NEEDLES

OF ALL DESCRIPTIONS

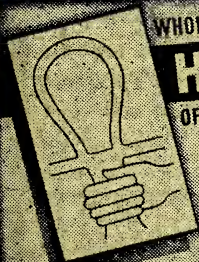
S. & R. J.

EVERETT
& CO. LTD.

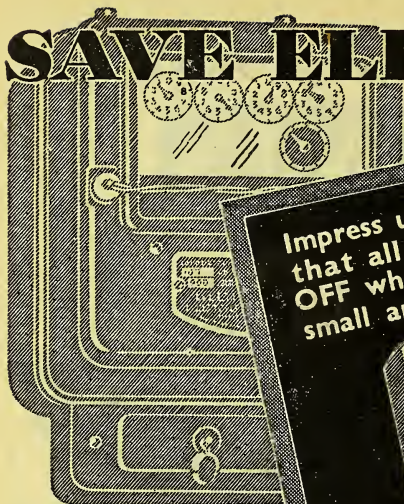
Original makers of **STAINLESS STEEL NEEDLES**
Our Specialities include the Original Record Fitting and N.H.J. Specification Hypodermic Needles
Also the famous 'SUMMIT' hypodermic needles now **ALL BRITISH MADE**

Comprehensive catalogue sent on request 'Phone: Thornton Heath 3252-3

339, LONDON ROAD,
THORNTON HEATH, LONDON, S.W.16



SAVE ELECTRICITY



Impress upon everyone concerned
that all switches should be left
OFF whenever possible. Even the
small amount of current used by

MAZDA

LAMPS

is worth saving for the Nation



3945

BTH for all Electrical Plant and Equipment

THE BRITISH THOMSON-HOUSTON CO., LTD., CROWN HOUSE, ALDWYCH, LONDON, W.C.2.

Cut to Perfect Register

Neat, Attractive, Embossed
CORK TOP SEALS

Pricing Tickets and
Small Parcel Labels

Write for samples

Wm. SESSIONS, Ltd., The Ebor Press, YORK

USED

**TEA CHESTS, CARTONS
WOOD BOXES
GUM TAPE**

LARGE STOCKS CARRIED

The Buckinghamshire Paper & Box Co. Ltd.
Devonshire Works, Chiswick, London, W.4

Phone: Chiswick 2954/5/6

LABELS

CARILLON PRESS Ltd. BOURNEMOUTH

Artists in the Production of fine Labels

**Specialists in the
Design & Printing
of Medical & Toilet**

Labels — Owing to new
regulations 6d. must be sent be-
fore we can forward sample range



Prevention is better than cure

The common cold is a source of danger. Coughs and sneezes spread diseases and lower the vitality of the Nation. Our National advertising stresses the efficacy of Penetrol Inhalant in the prevention of infection and emphasises the importance of everyone keeping fighting fit.

A Penetrol display on your counter will ensure you getting your share of the public demand for this well-known proprietary.

Retail Prices: 2/- & 3/- per bottle
Including purchase tax

W. B. CARTWRIGHT LTD.
RAWDON, LEEDS.





CARNEGIE

CHEMICALS (WELWYN) LTD.
MANUFACTURERS OF FINE CHEMICALS

**The Registered Offices
and Works are at:—**

**TEWIN ROAD,
WELWYN GARDEN CITY
HERTFORDSHIRE**

TELEPHONE: WELWYN GARDEN 506 (4 LINES)
TELEGRAMS: CARNECHEM, WELWYN GARDEN

MANAGING DIRECTOR: DONALD CARNEGIE

In association with

**CARNEGIE
QUININE
WORKS, LTD.**



THE GREAT DEMAND FOR MOTHAKS

Very many thousands more people are using 'Mothaks' than ever before. This year's sales prove that.

Next year the demand for 'Mothaks' will be greater than ever and we are packing large quantities in readiness.

It will be well to look to your stocks and order in reasonable time—not later than January or February.



MINIMUM
RETAIL PRICE

6½d.

NO TAX

Advertisements for 'Mothaks' are planned to appear throughout the autumn and winter months in the following newspapers and magazines:—

Daily Mail
Sunday Dispatch
Glasgow Bulletin
Glasgow Daily Record
Liverpool Daily Post and Echo
Bournemouth Daily Echo
Newcastle Evening Chronicle
Sheffield Star
Western Evening Herald
Manchester Evening Chronicle
Yorkshire Evening Post
Birmingham Mail
South Wales Echo
Southern Daily Echo
Derby Evening Telegraph
Staffordshire Evening Sentinel
Belfast Telegraph
Hull Daily Mail
Leicester Evening Mail
Irish Press
Scottish Daily Express
Edinburgh Evening News
and many others

Punch
Tit Bits
Woman's Own
Woman's Illustrated
Woman's Weekly
Everywoman
Housewife
Catholic Herald
Home Notes
Model Housekeeping
Weldon's Big Four
Christian Herald
Country Gentleman
(Estate Magazine)

Countryman
Woman's Journal
Woman and Home
My Home
Home Fashions

They will stress the importance of providing all-the-year-round protection against moth damage.

Sole Makers

THOMPSON & CAPPER WHOLESALE LTD.

5a SPEKE HALL ROAD, LIVERPOOL 19

Telephone : Hunts Cross 1321

Telegrams : "Sanitas, Liverpool"

Buy British Bottles



Restricted output limits the number of moulds we are able to use so that it does not necessarily follow that all the designs illustrated are available to buyers.

Three Factories

ALBERT CLARENCE DONISTHORPE

London Office

24 LUDGATE HILL, E.C.4 Phone CITY 7170

Wholesale Enquiries Only

LAX & SHAW LTD.

ALBERT GLASS WORKS, HUNSLET, LEEDS, 10

TELEPHONE: 21568 (2 lines)

TELEGRAMS: FEEDERS, PHONE, LEEDS

Cries of London



"Past one o'clock, and a snowy morning!"

THE CITY WATCHMAN

"A light here, maids, hang out your light,
And see your horns be clear and bright,
That so your candle clear may shine,
Continuing from six to nine;
That honest men that walk along,
May see to pass safe without wrong."

SINCE

POTTER & CLARKE LTD

1812

LONDON AND

MANCHESTER

FENNINGS

FAMOUS FOR OVER 80 YEARS

GOOD DEMAND GOOD SUPPLY

FENNINGS' LITTLE HEALERS (formerly known as "LUNG HEALERS")

For Coughs, Colds, Bronchitis, etc. 1/3 and 3/- glass tubes. Also 6/- Carton of 12 Packets, retailing at 6d. each.

FENNINGS' OINTMENT. Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations.

Price 1/3 per tin.

FENNINGS' WHOOPING COUGH POWDERS

FENNINGS' WORM POWDERS

FENNINGS' STOMACH STRENGTHENERS

FENNINGS' RHEUMATIC AND ERYSIPELAS DROPS— 1/3

PRICES
1/3 and 3/-

Please address orders and inquiries to your Wholesaler

N.B.—FENNINGS' COOLING POWDERS (Children's and Adults')
and **FENNINGS' FEVER CURER**

are at present in short supply, owing to war conditions, but every endeavour is being made to execute orders

PROPRIETORS: THE TRUSTEES OF ALFRED FENNINGS (DECEASED)
COWES, Isle of Wight

It's no gamble to stock

TOWN TALK

because 15,000,000 women read
TOWN TALK SILVER POLISH
advertisements each month

ORDER DIRECT OR FROM

MANCHESTER:
D. Mawdsley & Co.
James Woolley Sons & Co.,
Ltd.
LEEDS:
Goodalls (Leeds), Ltd.
LEICESTER:
E. H. Butler & Son.

NEWCASTLE-ON-TYNE:
Wilkinson & Simpson, Ltd.
LONDON:
Brooks & Warburton, Ltd.
May, Roberts & Co., Ltd.
Butler & Crispe.
LIVERPOOL:
Ayrton, Saunders & Co., Ltd.

THE TOWN TALK POLISH CO., MANCHESTER, 10

The demand for **THAWPIT**
is *Going up!*

GOVERNMENT announcements in the Press are urging us to take special care of our clothes, so as to make our coupons last longer. And Thawpit advertisements are explaining how to remove dirt and grease marks, to lengthen the life of clothes.

No wonder there is a growing demand for Thawpit! Are you taking advantage of this fine opportunity to supply a much-wanted product? The 5 oz. bottle of Thawpit at 1/-, formerly 1/3, is now the only popular size. This is the best value we have ever offered. Large bottle (approximately 40 oz.) retails at 6/9.



Obtainable from all Wholesalers

THAWPIT (Proprietary) LIMITED
Woodstock Factory, Woodstock Grove,
London, W.12

TABLOID^{BRAND} SOLUBLE Phenytoin

formerly issued as 'TABLOID'^{BRAND} 'HYDANTAL'

Soluble Phenytoin, the recently-introduced anti-convulsant drug for the treatment of epilepsy, is the subject of increasing interest among practitioners.

Adequate stocks of 'Tabloid'^{BRAND} Soluble Phenytoin will ensure that you are able to meet their requirements promptly and with products of proved worth.

'TABLOID' SOLUBLE PHENYTOIN *Sugar-coated compressed products*
BRAND

	Bottles of 25	Purchase Tax	Bottles of 100	Purchase Tax
50 mgm.	1/6	2½d.	4/10	7½d.
100 mgm.	2/-	3d.	6/10	10½d.

Trade prices (subject)



BURROUGHS WELLCOME & CO.

(The Wellcome Foundation Ltd.)

LONDON

Associated Houses : NEW YORK MONTREAL SYDNEY CAPE TOWN BOMBAY SHANGHAI BUENOS AIRES

WARRICK·BROS·LTD

R. HENDRIE & CO. · ESTAB. 1760 · MADDOCKS & CO.

FINE PRODUCTS FOR THE PHARMACY!

CAPSULES

Bulk, Packed and Speciality
Halibut Liver Oil
Cold Cure; Influenza
'Stankap'; Asthma; Digestive

PASTILES

Glycerine of
Chronic

LOZENGES

Owing to shortage of raw materials we cannot always execute in full our customers' orders. This is much to be regretted in cases where for many years particular articles have been purchased from us. We wish to assure our customers that every effort is made to maintain fair and equitable distribution of our products.

TABLETS

Wash (Effervescing)
Bismuth Dyspepsia
Bismuth, Pepsin and Pancreatin
Chilblain Treatment

PHARMACEUTICALS

'Pulvellæ' and 'Chocellæ'
Olive Oil (*Warrick Freres*)
'Carbo-Absorbent'
Granules—'Stankap' and Digestive

COLD PRODUCTS

'Nostrones' (Complete Treatment)
Ephedrine Nasal Compound
Smelling Salts
Ephedrine Nasal Cream

PILE PREPARATIONS

Pellæ 8-Day Pile Treatment
Stainless Pile Ointment
Suppositories
Ointments

SEND TO—

WARRICK BROTHERS, LTD.

Telephone: CLERKENWELL 2452-3. Telegrams: WARRICKERS, NORDO-LONDON
CORRESPONDENCE FROM OVERSEAS SOLICITED

NILE STREET · LONDON



The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address:

17 ARGYLE STREET, BATH

Telephone: Bath 5492

CONTENTS

	Page		Page
Business Changes	520	Nutrition in War-time—XII ..	534
Census Implications Discussed ..	531	Pharmaceutical Society of Great Britain:—	
Coming Events	523	North British Branch	524
Company News	519	Pharmaceutical Society of Ireland:—	
Deaths	527	Council Meeting	525
Doctor on Pharmacy's Future ..	530	Pharmacists as Civil Servants ..	530
Editorial Articles:—		Personalities	526
War Damage Regulations	529	Proprietary Articles Trade Association	520
Legal Reports	519	Recent Wills	527
Letters	540	Statutory Committee Inquiries ..	521
London Perfumers' Annual Meeting ..	535	Topical Reflections	518
Marriages	527	Trade Marks	523
Medical Abstracts	532	Trade Notes	520
Miscellaneous Inquiries	540	Trade Report	536
News of the Week	515		

NEWS OF THE WEEK

Plan for British Industry.—A statement of the views and recommendations as to the place which industry should occupy in the framework of society has been issued by a group of 120 industrialists as a contribution to current discussions on reconstruction. Among the signatories to the document are Lord McGowan, Lord Melbourn, Sir Richard Cooper, Messrs. K. M. Chance, R. Duncalfe, Philip E. Hill and J. D. Morson.

Colonial Import Control Criticised.—Extension of colonial government control over the import of drugs and medicines into the West African territories by bulk indent and bulk purchase was criticised at the meeting of the West African trade section, Liverpool Chamber of Commerce, recently. Members called attention to the serious effect this change of practice would have on indent houses which, for many years, had adequately met demands from

importers. It was decided to address a letter to the Colonial Office suggesting that when an importer, in his application for supplies to be included in a bulk indent, specifically mentioned the name of an indent house through which he desired to obtain supplies, the firm named should be permitted to discharge the order, even though the consignment was required to be shipped with the bulk supplies.

Control of Chalk.—Under the Control of Whiting, Chalk and Chalk Lime Order, 1942, (S. R. & O., 1942, No. 2296) the Minister of Works and Planning has decreed that no producer, distributor or user of lump or powdered whiting, chalk, whether ground or not, or chalk lime, whether hydrated or not, may produce, acquire, dispose of, or use the material except under licence granted by the Minister. The Order came into force on November 16. Copies may be obtained from H.M. Stationery Office.

Entertained to Theatre.—At the invitation of St. Dalmas (Ireland), Ltd. (agents for Coty cosmetics and perfumes), the officers and women divisional members of Dublin Red Cross Units were recently entertained to a performance at the Theatre Royal.

Dublin Glycerin Production.—The Eire Emergency Scientific Research Bureau announces that glycerin up to B.P. standard is now manufactured in Dublin by Munster, Simms & Co. (Dublin), Ltd. The raw material is unrefined glycerin from Eire soap manufacturers that was formerly exported to Great Britain, as no use for it could be found in Eire. First supplies of the new product will be made available to drug-trade manufacturers in Dublin.

Red Cross Prisoners-of-War Fund.—An appeal for support for the Red Cross and St. John Prisoners-of-War Fund, signed by Mr. John Evans (chairman, National Pharmaceutical Union), will shortly be sent to all chemists. The Red Cross is already sending 155,000 ten-shilling parcels every week to prisoners of war, but unfortunately many more parcels are needed. The parcels are sent to prison camps in Germany, Italy, and Japan. The calls upon this special fund become heavier each week, and chemists and their staffs are asked to support the appeal as generously as they can.

Dublin Show Successes.—At the members' show of the Royal Horticultural Society of Ireland, held recently in Dublin, Mr. Sylvester O'Farrell (Eire representative of the makers of Flexoplast) won the highest number of awards yet secured by a single member of the Society, including first prize and silver medal for the best collection of vegetables; first prize and silver medal for the best collection of dessert and cooking apples; first prizes for four varieties of apples; second prizes for cooking apples and pears; and two third prizes. All this champion fruit and vegetables was grown in the gardens of Ard-na-Greina, Orwell Road, Rathgar, where all Flexoplast products for Eire are rolled, packed and distributed.

Benevolent Fund "Levy."—At a well-attended annual meeting of the Peterborough Chemists' Association and Branch of the Pharmaceutical Society recently the following resolution was approved: "That Peterborough chemists shall contribute to the Pharmaceutical War Aid Fund one penny in the £1 on all sums due to them for dispensing National Health Insurance prescriptions." The deduction is additional to

a similar allocation that local pharmacists are already contributing to the National Pharmaceutical Union War Distress Fund. The following officers were elected at the meeting: *President*, Mr. A. R. L. Evans; *Vice-president*, Mr. A. C. Fowler; *Treasurer*, Mr. C. W. Lenton; *Secretary*, Mr. F. Wright, Ganton, 26 Queens' Gardens; *Committee*, Messrs. Dring, Duffield, Jones, Lenton, and Whitwell.

Inquest.—At Wallasey, on November 11, an inquiry was held into the circumstance attending the death of an eleven-year-old boy. His father stated that the lad was mentally deficient. The mother said the boy accompanied her into a chemists' shop. It was not until some time after returning home that she learned he was in possession of some pills. He complained of pains and took her to the ashbin where she found a glass tube labelled "Little Liver Pills." There was also the broken remains of another tube. He said "sweets" and "shop." The coroner's office said there were similar tubes of pills on the shop counter, but the assistant had no knowledge of the incident. Evidence that the cause of death was consumption of a quantity of aloes and other drugs was revealed at the post mortem examination.—At a Chelmsford inquest, on November 13, the jury found that Stanley W. Worrell, a teacher at the Mid-Essex Technical College, murdered his wife and their two children, and afterwards killed himself while the balance of his mind was disturbed. Medical evidence was given that in each case death was due to potassium cyanide poisoning.

Licensing of Soft Drink Manufacturers.—The Minister of Food has made an Order amending the Soft Drinks (Licensing and Control) Order, 1942, so as to require all manufacturers and packers of soft drinks to be licensed, irrespective of the size of their output, from December 7. Manufacturers and packers who do not hold licences are already required by the Manufactured and Pre-Packed Foods (Control) Order, to make a return to the Ministry of Food, Central Licensing Panel, Colwyn Bay. This return will be regarded as an application for a licence under the Soft Drinks (Licensing and Control) Order, as amended, and firms which have made this return need take no further action, but will receive a communication in due course. Firms which have not made any such return to the Central Licensing Panel should do so at once. Licences which have already been issued under the Soft Drinks (Licensing

and Control) Order will not be affected by the Amending Order, except that in certain cases the schedules to these licences will require amendment so as to include types of soft drinks of which the licence holder manufactures or packs a small quantity. The Fruit and Vegetable Products Division, St. John's College, Oxford, has a record of these cases and the necessary amendments will be sent within the next three weeks to the firms concerned, who are asked not to make application to the Division during that period. The above Order will not apply to the manufacture of soft drinks for the catering business. The Order also amends the definition of concentrated drinks so as to remove any ambiguity and to make clear that flavoured barley water and products for the preparation of flavoured barley water, if not themselves cereal products, are included in this Order, as well as in the Current Prices Order.

Pharmaceutical Corps.—The first list of sectional secretaries has been issued. Pharmacists who have already enrolled, or who wish to enrol, are requested to get in touch with their nearest section. Training arrangements are well in hand, and wherever possible local classes are being organised. Further lists will be published shortly. In the meantime any pharmacist willing to assume the responsibility of forming a detachment in his or her district is asked to communicate with the Corps office (4 Bloomsbury Square, London, W.C.1).

Sectional Secretaries: 1, Mr. Donald Banks, 22 Bridge Street, Pinner; 2, Mr. C. Neville Booth, 44 Cannon Hill, N.14; 3, Mr. Gordon Dilley, Pharmaceutical Department, London Chest Hospital, Victoria Park, E.2; 4, Mr. A. E. Footitt, Pharmaceutical Department, Royal Northern Hospital, Holloway Road, N.7; 5, Mr. F. H. Gillett, Pharmaceutical Department, Royal National Orthopaedic Hospital, Brockley Hill, Stanmore; 6, Miss D. Hayes, Pharmaceutical Department, Poplar Hospital, East India Dock Road, E.14; 7, Mr. E. Jeeves, Pharmaceutical Department, King Edward Memorial Hospital, Ealing, W.13; 8, Mr. S. M. Loxley, Pharmaceutical Department, Connaught Hospital, Orford Road, E.17; 9, Mr. C. O'Brien, Pharmaceutical Department, German Hospital, Kitson Road, E.8; 10, Mrs. D. M. Taylor, Pharmaceutical Department, Kingston County Hospital, Wolverson Avenue, Kingston, Surrey; *Home Counties:* St. Albans, Mrs. G. V. Webb, Pharmaceutical Depart-

ment, Oster House Hospital, St. Albans; Maidstone, Mr. V. Ross, 70 Bank Street, Maidstone.

Pharmacists, whenever communicating with section secretaries, are asked to enclose a stamped-addressed envelope for reply. Classes will probably be held on two evenings a week, and for the first part of the course (anatomy and physiology; first aid) a fee of 10s. 6d. has been provisionally fixed for the course.

Export Licensing Again Extended.—Following the Order (No. 41) recorded last week (p. 489), the Board of Trade has issued the Export of Goods (Control) (No. 42), Order, 1942 (S.R. & O. 1942, No. 2289), which comes into force on December 1. Control is extended by this Order to cover closures made wholly or partly of rubber, and a number of additional chemicals. Licences will, in future, be required to export the following classes of goods to all destinations: Caps, capsules, lids, sprinkler tops, stoppers and other closures wholly or partly of rubber latex, rubber, gutta percha or balata, whether or not fitted to bottles, jars, cans, or similar containers, but not including closures fitted to filled receptacles; acriflavine; 2-aminopyridine; amyl salicylate; areca nuts; calabar beans; calcium acetylsalicylate; camphor monobromide; carrageen moss; chloral hydrate; chloroform; colocynth; 4:4' diamidinodiphenoxypentane; 4:4' diamidinodiphenoxypropane; 4:4' diamidinostilbene; diodone; diphenan; euflavine; hamamelis leaves; ispaghula; jaborandi leaves; jalap resin and root; lobeline; papaverine; phenothiazine; proflavine; psyllium seeds; quassia; salol; santonica; silver nucleinate and proteinate; sodium campho-sulphonate; storax; strophanthin; tannic acid; valerian. The existing licensing requirements with respect to barbitone and its salts and preparations thereof; isopropyl barbituric acid; and phenobarbitone and its salts and preparations are superseded by the provisions that the licences will, in future, be required to export barbituric acid, its derivatives, their salts and preparations thereof. The following items, the exportation of which was previously controlled to destinations outside the British Empire, will, in future, require licences for all destinations: Chaulmoogra oil and its preparations; chenopodium oil and its preparations; hydnocarpus oil and its preparations. Copies of the Order are available at H.M. Stationery Office (price one penny) or through booksellers.

TOPICAL REFLECTIONS

A Wise Step

The project to establish a Pharmaceutical Parliamentary Committee (p. 501) is timely. At any moment an ill-considered Bill affecting pharmacy may be introduced in Parliament, where skilful and strenuous opposition will then be called for. It is satisfactory to be assured at the outset that the scope of the new Committee will not in any way overlap that of the Drug Trade Council, a body which appears to have commenced its activities in a modest way. Copying your reticence, I confine myself at this stage to a brief comment. I should like, however, to emphasise your remark that the funds of the Committee are not to be used "in any circumstances" for supporting parliamentary candidates. This is as it should be. The raising of a fund for that purpose in 1927 turned out to be a costly experience, and we do not desire a repetition of it. As is well known, new candidates for seats in Parliament are usually allotted awkward contests: there is no reason to suppose that exceptions would be made in favour of newcomers with pharmaceutical qualifications. The proposed Committee differs from that of 1927 in including representatives of the Company Chemists' Association and of the Guild of Public Pharmacists, a change in the right direction. There has often been too much of the watertight compartment in pharmacy—too little knowledge of what "the other fellow" was doing. There is also the lesson, apparently now learned, of what may happen when the National Pharmaceutical Union and Pharmaceutical Society have not resolved their differences before a Bill affecting the interests of both comes up for debate in the House of Commons. Let us hope that the initials of the Committee will never signify "pour prendre congé."

Vaccine Lymph Standards

The Statutory Order permitting a temporary relaxation in the normal degree of bacterial purity in vaccine lymph (p. 490) is of general interest. Presumably the responsible authorities are satisfied that in present circumstances this course may be adopted without detriment to public health. The Therapeutic Substances Regulations, 1931, order a periodical determination of the number and nature of living bacteria and other visible micro-organisms present in samples of lymph containing glycerin "or other partial disinfectant." Plate cultures are made in the prescribed manner,

and are kept, first for two days at about 37° C. and then for at least three days at about 20° C. Treatment and examination are continued until the bacteria and other visible micro-organisms do not exceed five in one mgm. or 5,000 in one c.c. of the lymph. It will be seen that four times this number is now permissible under the conditions specified. The same Regulations prescribe a statement on labels to the effect that the potency of the lymph cannot be guaranteed for more than seven days after its manufacture unless it is kept at a temperature below 10° C. Pharmacists in business may be glad to be reminded of this fact, as for many years it was usual to keep stocks of vaccine lymph on a shop shelf or in a shop case without regard to the thermometer.

Work and Romance

The wide audience reached by THE CHEMIST AND DRUGGIST will be able to share to some extent the pleasure of the Leicester chemists and students who heard the address of Group Captain Ivor B. Hart (p. 505). From time to time one becomes so conscious of the belittlement of pharmacy in certain circles that one is inclined to ask, "Is there really a career in it?" It is refreshing to be told that "in the field of pharmacy there is everything that can be worth while and satisfying." Later in his address Group Captain Hart remarked that there is "no fortune to be made out of being a pharmacist—at any rate, for most of you. Hard study and learning seldom produce millionaires," a remark with which most pharmacists who have been through the mill will agree. And finally the speaker wished for his hearers "some of the romance of life," thus completing a balanced account of what the vocation of pharmacy may be. Romance, Kipling has told us, "brought up the 9.15": may it be added that it has also brought up the burette and the microscope? Students may with advantage learn to look for romance in their daily work rather than regard it as something to be found only in circumstances of exceptional and distant adventure. In the office of a successful merchant in this country, it has been stated, hangs the motto "There is no fun like work." Among the truths that stand out with increasing clearness as life grows more complex, and perhaps more burdensome, is the truth that work never lets us down: "the reward of a thing well done is to have done it."

Xrayser

LEGAL REPORTS

Pharmacy Act Prosecutions.—At Old Street, London, Police Court, on November 11, William Allen, drug store proprietor, 51 Bow Road, was summoned for selling ephedrine in a proprietary preparation and for selling the tablets in a container not properly labelled. He was ordered to pay fine of 1s. in each case.—At the same Court, on the same date, Redfords, Ltd., 109 Kingsland Road, were fined 10s. on each of three summonses under the Pharmacy Acts. It was alleged that, while not being authorised sellers of poisons, they sold lead acetate in a proprietary preparation in a container not properly labelled, and unlawfully used the title "chemist" in connexion with the sale of goods by retail. It was stated that defendants had previously been registered under the Pharmacy and Poisons Act, 1933.

Limitation of Supplies Order.—At Woolwich, London, S.E., recently, Albert Edward Coleman was fined £100 on charges alleging that he, not being a person registered under the Limitation of Supplies (Toilet Preparations) Order, had supplied controlled goods, in the manufacture of which he had carried out a process, to a person who bought for the purpose of selling again. He was also accused, not being a manufacturer of controlled goods and not being registered, of supplying and attempting to supply cosmetics, in the manufacture of which he had carried out a process, and a further charge alleged that he had supplied or attempted to supply controlled goods without labels bearing his name and address. Patricia Coleman, his wife, was also fined £100 for aiding and abetting. It was stated by the prosecution that Coleman was employed by a firm of paint and varnish manufacturers and had bought some of the materials there and had been manufacturing a variety of toilet preparations.

Dispensed Medicine.—At Liverpool, on November 11, Banner's Pure Drug Co., Ltd., 23 Moss Street, were fined £10 for having dispensed a medicine containing morphine, the sale not being under the supervision of a registered pharmacist. There was another summons for supplying the poison in a bottle which was labelled with more than one address and failing to indicate the address from which it was sold. For this offence the fine was £5. Defendants pleaded guilty.

On behalf of the Pharmaceutical Society, who prosecuted, it was stated that an agent presented a prescription which had previously been dispensed by a Manchester chemist. Neither then, nor later, when the medicine was collected, was a registered chemist in attendance. Two other chemists' shops in the vicinity had closed whilst the registered pharmacists were on holiday. The label on the bottle bore the words "23 Moss Street and Branches."

Defendants' explanation was that Mr. Taylor, the registered pharmacist at the Moss Street shop, was on holiday and that they found it impossible to secure the services of a locum. The prescription was attended to by a youth who had two years' experience under a qualified man, but who was uncertificated. At the time of the alleged offence, proper labels, which had been ordered five or six weeks previously, were being awaited from the printers.

COMPANY NEWS

OLDLEY CHEMICALS, LTD. (P.C.).—Capital £1,000. Manufacturing chemists, druggists, etc. First directors not named. R.O.: 2 Redway Drive, Whitton, Middlesex.

M. E. K. CHEMICALS (WATFORD), LTD. (P.C.).—Capital £100. Manufacturers of and dealers in chemicals, drugs, medicines, etc. Joseph E. Clapham, first director. Solicitors: Claude Barker & Partners, 153 The Parade, Watford.

DENTURE REPAIR LABORATORIES, LTD. (P.C.).—Capital £100. Denture repairers, wholesale and retail dealers in artificial teeth and dental appliances, etc. Henry I. Jacobs, director. R.O.: 2a Stoke Newington High Street, London, N.16.

M. CLEMENTS (CHEMISTS SUNDRIES), LTD. (P.C.).—Capital £1,000. Chemists' sundriesmen, manufacturing, research, dispensing and analytical chemists, etc. First directors not named. R.O.: Argyle House, 29-31 Euston Road, London, N.W.1.

INCREASE OF CAPITAL.—Nominal capital of KORAY, LTD., 56 Gamage Buildings, Holborn, London, E.C.1, has been increased by the addition of £99,900 in £1 ordinary shares beyond the registered capital of £100.

Waste Paper! There isn't such a thing. It's wanted urgently for salvage.

TRADE NOTES

Advertisement Series.—In this issue Potter & Clarke, Ltd., 60-64 Artillery Lane, London, E.1, commence a new series of advertisements based on the cries of London.

Sizes of Rose-hip Syrup.—A recent B.B.C. broadcast stated that National rose-hip syrup is available in bottles of one size. In fact, the product is available in either 6-oz. or 8-oz. bottles, according to supplier.

Organotherapeutic Substances.—Buyers of oestrone, oestradiol and its esters, progesterone crystals, chorionic gonadotrophin, insulin, etc., are invited to communicate with Tuteur & Co., Inc., 60 Wall Street, New York, N.Y.

Prizes for Research.—The full subject for which research prizes are being offered by Newton, Chambers & Co., Ltd., Thorncliffe, nr. Sheffield (see *C. & D.*, October 31, p. 437), is "The Chemist and Industrial Health." Entry is restricted to members of the South Yorkshire section of the Institute of Chemistry.

Vitamin Advertising.—First introduced to the general public last winter, Vimaltol, a concentrated vitamin food manufactured by A. Wander, Ltd., 184 Queen's Gate, London, S.W.7, is again being publicised in the national and provincial Press and magazines. Further information and trade terms can be obtained from the makers.

Out-of-date Virus.—Evans Sons Lescher & Webb, Ltd., 20 Concert Street, Liverpool, 1, state that they are no longer able to credit out-of-date Liverpool Virus which is returned to them. For some considerable time supplies have been short. Liverpool Virus is always dated several months ahead of the date on which it leaves the warehouse, and it is felt that chemists should have no difficulty in carrying adequate stocks to meet their requirements and still sell before the goods become out of date.

War-time Information.—A summary of Acts of Parliament, Defence Regulations and Statutory Rules and Orders affecting pharmacists has been issued in the form of a 54-pp. booklet entitled "War-time Information for Pharmacists" by the Pharmaceutical Press, price one shilling. The booklet also contains a list of addresses of public and official bodies.—The Pharmaceutical Press, 17 Bloomsbury Square, London, W.C.1, has also issued a fourth edition, price two shillings, of the "P.J. Guide and Extended Poisons List."

Product Suspended.—All transactions in pyrethrum and preparations containing pyrethrum being prohibited by a recent order except under licence from the Minister of Supply, the directors of Thomas Keating, Ltd., announce with regret that until the Order is modified or rescinded they are unable to supply Keating's powder or liquid. Any outstanding orders have therefore to be treated as cancelled. If limited supplies should subsequently become available for the home market, they will be offered to customers in proportion to previous turnover.

Business Changes

CARNEGIE BROS., LTD., removed on November 12 to 227-29 Essex Road, London, N.1. Telephone: Clissold 4761.

PARK LANE ENTERPRISES, LTD. (Chryzla beauty preparations and Freedom foot paste), removed on October 26 to 16 Old Bond Street, London, W.1. Telephone: Regent 4409.

POND'S EXTRACT CO., LTD., have transferred their offices to 24 Bruton Street, London, W.1. Telephone: Mayfair 6071-72. Manufacture and dispatch will be carried out from the factory of Bourjois, Ltd.

THE NATIONAL AMALGAMATED UNION OF SHOP ASSISTANTS, WAREHOUSEMEN AND CLERKS has returned to its registered central offices at Dilke House, Malet Street, London, W.C.1. Telephone: Museum 2103.

R. W. GREEFF & Co., LTD., announce that since November 16 all departments formerly housed at Little Hadham have been operating from The Retreat, Avenue Road, Bishop's Stortford, Herts. Telephone: Bishop's Stortford 1140.

Proprietary Articles Trade Association

Addition to Protected List.—*Thawpiti (Proprietary), Ltd.* Thawpiti, 1s., 9s. doz. (exempt from tax).

Alterations.—*J. Grossmith & Son, Ltd.* Rouge cream, No. 97, 7½d., 5s. doz., tax 3s. 4d. doz., inclusive retail price 11d.

Stemco, Ltd. Increased prices, December 1: Flit hand sprayers, 2s. 2d., 18s. 8d. doz. (exempt from tax).

A. Wander, Ltd. Haemorrhoidal salve, 1s. 8d., 15s. doz., tax 2s. 6d. doz., i.r.p. 1s. 10½d.

Deletions.—*Coty (England), Ltd.* Rubens lipstick; foundation cream; hand lotion.

Parke, Davis & Co. Alka Dextro.

Petrolagar Laboratories, Ltd. Neobovinine.

John Wyeth & Brother, Ltd. Picragol pes-series.

STATUTORY COMMITTEE INQUIRIES

THE Statutory Committee of the Pharmaceutical Society of Great Britain, the chairman (Mr. G. R. Hill) presiding, on November 12, conducted two separate inquiries to determine whether, subject to the provisions of the Pharmacy and Poisons Act, 1933, and the Pharmacy and Medicines Act, 1941, they should direct the removal from the Register of the names of the persons concerned.

Moral Conduct in Question

The first case was that of a young single man, branch manager to a chemist, who at a Midland Police Court recently was fined £10 on a charge of persistently soliciting and importuning male persons for an immoral purpose. Mr. E. Holroyd Pearce represented the Society, and Mr. Herbert Malone appeared for the respondent.

A police inspector repeated evidence which he had given when the case came before the Stipendiary Magistrate.

The respondent, giving evidence, said that he did not appeal against the magistrate's decision because he could not afford the cost and there was the publicity and he had to consider his employer. For ten years he had suffered from stone in the kidney and had been under medical treatment for it.—Cross-examined by Mr. Pearce, the respondent said that he protested at the time against the arrest, but did not give the explanation about his physical trouble. He thought that he had better see his solicitor, although he had a perfectly good answer to the question why he went from one urinal to another.

Employee's Evidence

The employer of respondent gave evidence that he had been in his employ from March, 1934, had managed the branch business most efficiently and successfully, and his conduct had been of the best, without any suspicion or complaint of any kind. He stood bail for the respondent and took him home. He and a friend in his car on the way questioned respondent. They believed his story and came to the conclusion that the police had made a mistake and had acted on circumstances of suspicion. He was quite prepared to keep him in his employ after the present inquiry. An assistant at the branch shop said that he had known respondent just over two years and had close association with him, fre-

quently entertaining him at his home. He had never had evidence of or had reason to suspect any such kink in the man as that alleged against him.

The Committee adjourned and on its reassembly the chairman said: In this case we are bound by the wording of the statute to assume that the conviction is a good conviction. We cannot understand how it came about that he committed this offence and it is useless for us to speculate. Having regard to the extremely good character which has been given to him by his employer and to the fact that his employer from the very outset determined to keep him on and is still keeping him on and intends to keep him on, we propose, if he will agree to our adopting this course, not to say anything further today than that we will give our final decision in twelve months' time and that if at the end of that time his employer gives him the same good character it may fairly be assumed that nothing more will be heard of this matter.

Chemist's Oversight and Apology

The second case concerned a member of the Pharmaceutical Society, against whom it was alleged that he permitted his name and the title "M.P.S." followed by the description "chief consultant chemist" to be used in connexion with the sale of a proprietary gallstone treatment in a manner calculated to deceive purchasers; that he permitted this treatment to be offered for sale by a company by means of so-called postal diagnosis conducted in his name followed by the description "M.P.S." and "chief consultant chemist," but in which he neither took nor attempted to take any part; and that he signed letters in his name followed by the aforesaid descriptions on behalf of the company, offering inquirers individual and specialised treatment and giving them assurance for which there was no justification.

Mr. Holroyd Pearce, again represented the Society and Mr. G. W. Willett appeared for the respondent.

Mr. Pearce said that apart from the present matter of complaint, he knew of no complaint against him whatsoever. He had conducted his pharmacy in a perfectly proper manner, but became mixed up with a scheme which, in the view of the Society, was wholly wrong and reprehensible.

Counsel detailed the ingredients of the remedy, saying there were three ounces mainly of olive oil and dextrose with two large-size seidlitz powders, for which 2s. 3½d. was, approximately, the proper price. They charged 17s. 6d. To induce the public to have faith in this remedy the respondent was put forward under the name of "chief consultant chemist," and a letter was written signed by him. He had held himself out, said Mr. Pearce, as diagnosing and prescribing and they submitted that he should not do so. He guaranteed individual treatment and gave the personal touch by signing his name. With this letter was enclosed the private consultation form.

Uncompleted Forms Signed

The worst aspect of the case was that the respondent apparently signed batches of forms and letters beforehand and it was never intended he should see the completed forms or take any part in a personal diagnosis. What the public might have expected—personal attention and the sending to him of the particular variant of the medicine suitable to his case—was never intended. The public, expecting this, would be completely deluded, and deluded partially by the weight attached to the respondent's membership of the Society. They had analysed the medicine sent in response to the consultation forms, and found there was practically no variation at all. The filling-in of the forms seemed to have been merely eyewash. There was no intentional variation, but only such variation as might occur in dispensing. All the samples analysed were substantially the same. Having read a letter to the secretary of the Society by the respondent, following a visit he received from the inspector of the Society, in which he stated that his position was due to insufficient consideration of the matter and he trusted that his immediate severance of connexion with the company, and sincere expression of regret, would be sufficient to remove the necessity for any further action being taken, Mr. Pearce said that he entirely agreed that when the matter was pointed out to the respondent he severed his connexion with the company at once and did his best to prevent any harm being done. He submitted, however, that the respondent had engaged in what was a very unsavoury scheme for a member of the Society. Obviously he was offending against No. II of the rules for professional conduct, which read: "An advertisement should not include the name of a pharmacist or his

pharmaceutical qualifications unless they are articles prepared by and sold exclusively by that pharmacist or a corporate body of which he is a director or partner."

Mr. Willett said that he agreed with his friend's statement of fact, except that there was not a "large" number of letters signed in advance and given to the company, but three dozen in each of three categories.

Respondent

Respondent, giving evidence, said what he had done he now thought was not a proper thing to have done. It was thoughtlessly and unwittingly that he had got himself into that position. He did not want the position, but was persuaded and, on the advice of a friend, went into it. To him the remedies seemed no more nor less than any other proprietary articles on the market. It was the method that was being objected to and his name being used with it. He had for twenty years endeavoured to maintain a high standard of pharmaceutical conduct. In reply to a question by the chairman, the respondent said that to the best of his knowledge and belief the composer of the letters was one of the directors. He was not consulted as to the preparation of the document or advertisement headed "Gallstones Removed."

Eyewash or Showmanship

The chairman: Didn't you realise yourself that it was objectionable to sign a large number of documents like this in blank, to go out to members of the public saying you have received their inquiry and are sending documents containing a guarantee to remove gallstones without operation and it is important when sending remittance to answer fully all the questions "as this information is absolutely necessary to a full understanding and individual treatment of your particular case," and then, as you say, the answers to that were not dealt with, either by yourself or any other individual, on their merits, but were just satisfied by sending out bottles of medicine substantially the same in every case? Respondent: When the man put the proposition to me and I eventually agreed to it, as I have said in my explanation, I wanted to satisfy myself that there was some virtue in it. He had purchased this business and the method of working it and assured me he knew exactly what he was doing and how to deal with each individual case. Secondly, if somebody comes into my shop for a bottle of a rheumatic cure they know—or I presume

know—they have rheumatism. They could not come for corn cure if they had rheumatism, my point being that presumably all inquirers knew, if they had got enough sense, and I was reasonably satisfied that they would get some benefit from the treatment. The chairman: So all this about individual and specialist treatment is pure wash?—Well, I suppose it was. The chairman: But so far as you were concerned it was pure eyewash?—It was part of the showmanship.

Decision

The chairman said: This case has given a great deal of trouble. We regard it in many ways as an extremely bad case. We pre-empt in the strongest possible terms the idea of any chemist lending his name to this form of advertisement or any form of advertisement which involves diagnosis or complaint by post. We have considered very carefully whether there was any alternative before us but to remove the person's name from the Register. We have considered it very carefully and it is only with considerable doubt that we have come to the conclusion that for certain reasons we decided not in this particular case to take that extreme course which we should feel bound to take in any similar case where there were some sort of extenuating circumstances. We have seen the affected person in the witness chair and we are pretty well satisfied that he was not really looking for profit out of this business, and we are inclined to think that he did not really appreciate—at the time at any rate—the serious nature of the business which he was taking on; and we also think, having observed him in the witness chair, that the trouble largely arose from some mental make-up which rendered him quite unable to say "No" when a friend asked him to do something which he thought would cause very little trouble and as to the propriety of which he really did not think at the time. In these circumstances, although we are not absolutely clear that we are doing what we ought to do, we have decided to take no further action in the matter.

METICULOUS.—"I was asked to help clear out the medicine cupboard of an aunt recently dead. She had been an old lady of meticulous habits and everything was neatly labelled. On one bottle, lest there should be any possible mistake, she had carefully printed, 'Cascara, I think.'"—*'Lancet.'*

TRADE MARKS

(From "*The Trade Marks Journal*," October 21)

"**ATRADYNE**"; for vermin-destroying preparations (5). By G. Deutsch, 3 St. Mary's Mansions, St. Mary's Terrace, London, W.2. 619,750 (Associated).

"**ASPASMO**"; for antispasmodic pharmaceutical preparations (5). "**UREDEX**"; for pharmaceutical preparations for the treatment of urinary disorders (5). By Watford Chemical Co., Ltd., 11 Waterloo Place, London, S.W.1. 619,927; 620,096.

"**REGENEROL**"; for chemical substances for human use in medicine and pharmacy (5). By F. J. M. Bengue, Mount Pleasant, Alperton, Wembley, Middlesex. 620,037.

"**NALDEK**" and "**VALVANEK**"; for pharmaceutical preparations (5). By Dr. Van Vleck Co., Ltd., 3 Fleet Lane, London, E.C.4. 620,080-81.

"**BROPARCO**"; for chemical substances for use in medicine and pharmacy (5). By Brook, Parker & Co., Ltd., Ashfield, Horton Road, Bradford. 620,201 (Associated).

"**CORTESAN**"; for pharmaceutical preparations and substances (5). By Allied Laboratories, Ltd., 85-86 New Bond Street, London, W.1. 620,208.

"**MONOJECT**"; for all goods (5). By The Wellcome Foundation, Ltd., 183-93 Euston Road, London, N.W.1. 620,246.

"**WILLESTROL**"; for veterinary preparations (5). By Willows, Francis, Butler & Thompson, Ltd., 73 Shacklewell Lane, London, E.8. 620,289.

(From "*The Trade Marks Journal*," October 28)

"**PROMULSIN**"; for chemical substances derived from cellulose for use as emulsifying agents in manufactures (1). By Watford Chemical Co., Ltd., 11 Waterloo Place, London, S.W.1. 620,218.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor in Bath not later than Wednesday morning of the week of insertion. Secretaries are advised to send copies of printed programmes of local activities so soon as they are completed.

Tuesday, November 24

BATH BRANCH, PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Bath Insurance Committee's Office, Abbey Churchyard, at 7.45 p.m. Annual meeting.

Wednesday, November 25th

BRIGHTON AND HOVE ASSOCIATION OF PHARMACY, Union Church Institute Hall, Queen Square, Brighton, at 7.15 p.m. Annual meeting.

Saturday, November 28

BRITISH ASSOCIATION OF CHEMISTS, Adelphi Hotel, Liverpool, at 3 p.m. Twenty-fifth annual meeting.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

North British Executive

A MEETING of the Executive of the North British Branch of the Pharmaceutical Society was held in Edinburgh on October 21, Mr. W. F. Hay in the chair. Messrs. Anderson, Arthur, Beattie, Bennett, Culbert, Guthrie, Henry, Innes, Mackenzie, Mair, Miller, Milne, Murray, Ritchie and Walker were present. THE CHAIRMAN reported on the success of the British Pharmaceutical Conference, 1942.

Examiners and Examinations

THE RESIDENT SECRETARY said that, although only two members retired from the Board of Examiners at this period, the Nomination of Examiners Committee had deemed it advisable to appoint additional examiners to meet any situation that might arise from the difficulty experienced in travelling during war-time or from the fact that the Board, at the present moment, was at its minimum membership. The Executive approved the decision of the Committee.

Membership

THE RESIDENT SECRETARY reported that seceders during the year numbered fourteen. There had been fifteen retrials from membership. Branch membership was as follows: Aberdeen and North-eastern Scottish, 366; Dundee and East and Central Scottish, 307; Edinburgh and South-eastern Scottish, 951; Glasgow and South-western Scottish, 1,318; Inverness and Northern Scottish, 139. Membership showed a slight increase on the figures for last year.

Benevolent Fund

The position of the Benevolent Fund was serious, contributions per head from the various Scottish branches being very low. MR. GUTHRIE stressed the advantage of asking members to sign an undertaking to pay a certain amount for seven years.

Committee of Inquiry

THE CHAIRMAN intimated that Mr. Weir—who had been asked to become a member of the small committee appointed to consider the report of the Committee of Inquiry—found it impossible to undertake the work. He was prepared, however, to offer his services in an advisory capacity. In view of Mr. Weir's inability to act on the

committee, THE CHAIRMAN said that he would like to submit the name of Mr. C. C. Drummond. This suggestion was approved. It was left to the chairman and resident secretary to arrange the date of the first meeting.

Scottish Pharmaceutical War Committee

THE RESIDENT SECRETARY referred to the position of chemists and druggists among pharmaceutical chemists in the matter of call-up. The Ministry of Labour considered that, when a student obtained his chemist and druggist qualification, he should be released for service with the Armed Forces. No provision had been made so far for chemists and druggists proceeding to the Ph.C. qualification and, in this connexion the point arose that in Scotland they had always advocated that a student should take first the Intermediate, then the Chemist and Druggist Qualifying, and finally the Pharmaceutical Chemist examinations. Candidates adopting this course were at a disadvantage compared with those going straight from the Intermediate to the Ph.C. examination, because the Ministry of Labour allowed men to continue their studies until they passed "a qualifying examination."

Employment Agency

The work of employment agencies had been carried out by the Ministry of Labour, but provision had now been made for the setting up of agencies by means of which certain bodies would look after the interests of their own crafts. Pharmacy was included in these special categories. The employment agency would be the means of helping the Ministry of Labour to direct pharmacists into certain posts. Pharmacists would not, of course, have any power of direction; this power resting with the Ministry alone.

THE RESIDENT SECRETARY said that the 20-21-22 age groups were the vital groups from which a strenuous effort would be made to release "drug girls."—MR. BENNETT said the position would be to try to retain dispensers in these age groups, and it was to be remembered that the biggest percentage of girls in pharmacy in Scotland could truly be described as "dispensers."

PHARMACEUTICAL SOCIETY of IRELAND

THE monthly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on November 10. Mr. John Gleeson (president) was in the chair. Other members of the Council present were Messrs. P. C. Cahill, E. J. McSweeney, T. C. Scott, H. P. Corrigan, M. J. Kieran, J. K. Whelehan, M. Costelloe, P. Brooke-Kelly, J. A. Kissane, W. G. Cunningham, J. A. O'Rourke, and Miss F. M. Flood.

Correspondence

Mr. D. F. O'Sullivan, M.P.S.I., Ballsbridge, wrote forwarding a copy of Bacon's 'English Herbal' for presentation to the library of the Society. By resolution the Council expressed its sincere thanks to Mr. O'Sullivan.

A letter was read from Mr. A. Maher, M.P.S.I., Drogheda, in the course of which he advocated as a means towards solving the apprenticeship problem that the employment of apprentices be placed on a similar salary basis to junior assistants, and suggested a scale of salaries for apprentices according to their years of service. This he added "would prevent people cashing in on cheap labour."

The Very Rev. E. H. Lewis-Crosby, Dean of Christ Church, wrote inviting the Society to send representatives to the special service on Citizenship Sunday.

Mrs. H. Vickery (*née* O'Donovan), M.P.S.I., wrote submitting marriage certificate and requesting change of name in the Register. The application was granted.

The following changes of address were notified:—

Mr. J. A. Burke, M.P.S.I., to Wine Street, Sligo; Mr. P. A. G. Byrne, M.P.S.I., to 1 Church Street, Dundalk; Mr. F. J. Roche, M.P.S.I., to 63 Howth Road, Clontarf, Dublin; Mr. P. A. O'Connor, L.P.S.I., to 9 The Crescent, Midleton, co. Cork; Mr. V. Allan, from St. John's Cottage, Dublin Road, Kilkenny, Assistant, to Prospect House, Sligo.

Preliminary Registration

The following, who submitted matriculation certificates, were granted Preliminary Registration: Misses J. Carty, E. Lavin, M. Stokes, B. V. Sweeney, M. B. Delany, M. Fox, U. P. Gleeson, M. K. Luny, C. T. Maxwell, F. M. Murphy, M. A. Murphy, U. G. Ni Briain, C. M. O'Connor, G. M. O'Keefe, H. M. O'Shaughnessy, M. Quinn.

Messrs. C. J. Coghlan, A. S. Gleeson, J. D. Hallahan, C. Conefrey, D. G. Grace, C. O. Greene, J. Haire, P. J. Hughes, J. E. McLaughlin, P. M. Quinn, and W. F. Sweeney

Councillors' Increased Allowance

In view of the present transport difficulties which entailed considerably increased hotel expenses in Dublin upon country members of the Council, the House Committee recommended "That during the present emergency country Council members be allowed £1 is. in excess of their railway fare while attending Council meetings." The recommendation was adopted.

Reports

The reports of the Certificates and Declarations Committee and the Law Committee were submitted and approved.—The Examiners, reporting on the recent Licence examination, stated that thirty candidates presented themselves, of which number sixteen passed, six with honours. For the Assistants' examination the Examiners reported that of the twenty-five candidates who presented themselves only seven passed. THE REGISTRAR (Mr. J. J. Kerr) mentioned that the batch of students who came forward for the Licence examination were the best he had ever seen during his period as Registrar. On the other hand, the batch for the Assistants' examination were the worst lot for a long time. Fifteen out of the twenty-five failed in poison law. Commenting on the poison law lectures given by the Registrar to the students THE PRESIDENT said he had attended one of those lectures and could highly recommend any members of the Council who had the time to do so. They could spend a couple of hours very beneficially in this way and learn a great deal. These lectures were a great help to the students.

THE REGISTRAR reported on the deaths of Francis Patrick Reynolds, L.P.S.I. and William Henry Macauley, L.P.S.I.

Presentation

Presenting the replica of the presidential badge to Mr. Cahill (immediate past-president) THE PRESIDENT said that in giving Mr. Cahill this memento of his term of office he would like to express his appreciation of the great dignity with which he had filled the chair for the past two years. They were happy in having Mr. Cahill once again an honorary officer and hoped he would be long

spared to the Council to help with his valued advice and assistance (applause). Thanking the president and Council for this souvenir of his term of office Mr. CAHILL said it would always be one of his most treasured possessions. He thanked the president very much for the kind things he had said, but he was afraid he did not deserve them. He also wished to thank Mr. Kerr for his great patience and valued help given to him while in the chair. The registrar's help went far towards making the president's burden very light indeed. Mr. O'ROURKE said he would like to add a word of tribute to that expressed by the president. Mr. Cahill had worked hard as president. With great ability, sympathy, and patience he had endeavoured to bring about a better feeling and spirit in the Society.

Elections

Mr. T. J. Burke, B.A., M.P.S.I., Howth Road, Dublin, was elected Examiner in Pharmacy to the Licence examination.

The following were elected members of the Society: Messrs. T. Donovan, W. Hanley, J. J. Howard, and T. F. Redmond.—Miss L. Bates, 314 Howth Road, Raheny, Dublin, Mr. J. A. Burke, Wine Street, Sligo, and Mr. Thomas Farrar, 1 West Street, Drogheda, were nominated for membership.—The Licence certificates of the following were signed and sealed: Lucy Bates, Kathleen M. Cooke, Johanna P. D'Arcy, William J. Gill, Michael H. Koss, Patrick J. Leahy, Brigid F. Martin, Thomas R. Miller, Christopher S. O'Connor, Marguerite Tuite, Timothy J. O'Driscoll, Matthew Bermingham, John N. Coleman, Evaline P. M. McDonagh, Ellen MacMahon, and Patrick Fitzgibbon.

Other Matters

The Council then went into committee to resume consideration of the Consultative Committee's Report, Sections 3 and 4.

When "other business" was reached Mr. O'ROURKE said he would like to refer to the report of the annual meeting in the trade Press. In his remarks on the apprenticeship question a sentence had been inadvertently given which read "The people at fault were small numerically and confined to four counties alone." What he wished to convey was that the apprentices trained in four counties alone would give them their annual replacements.

A meeting of the Benevolent Fund Committee was held following the Council meeting.

PERSONALITIES

LIEUTENANT PHILIP ALEXANDER HUDSON, who is a son of Captain Barton M. Hudson, for many years joint managing director of Morgan Brothers (Publishers), Ltd. (proprietors of *THE CHEMIST AND DRUGGIST* and "The Ironmonger"), was admitted to the Freedom of the City of London through the Worshipful Company of Ironmongers, by patrimony, on November 12. Mr. Philip Hudson was educated at Eton and then admitted to



Trinity College, Oxford. On the outbreak of war he worked for a time in the tool-making department of Tecalemit, Ltd., of which company his grandfather, Mr. Robert Chalmers, is a director. From there he went to the Guards Depôt at Caterham, and eventually through the O.C.T.U. at Sandhurst and from thence to the Training Battalion, Grenadier Guards.

DR. THOMAS M. MORGAN, Aberdeen, gave a talk recently to the Aberdeen Business and Professional Club on abuses in the trade in nostrums and cults of health.

SIR WALTER LANGDON-BROWN (a member of the Pharmaceutical Society's Council) contributed an article "Fortunes Doctors Forgo to Benefit Mankind" to the London "Evening News" on November 6.

MR. P. J. RADFORD (secretary, United Chemists' Association, Ltd.) was recently presented with a silver cigarette case to mark the completion of twenty-one years' service with the company.

MR. C. H. WHITAKER, M.A. (Oxon) (Whitaker & Co. (Kendal), Ltd., Kendal, makers of Whitaker's dyes), has been elected mayor of Kendal. For many years Mr. Whitaker has taken an active part in the civic affairs of the town, and since the war has been largely instrumental in forming an Air Training Corps in Kendal.

MARRIAGES

DICKSON—BALLANTYNE.—At the Queen's Hotel, Girvan, on October 28, James Maxwell Dickson, M.P.S., 125 Dalrymple Street, Girvan, to Janet M. B. Ballantyne.

TREACY—KINSMAN.—At the Church of St. Anthony of Padua, Mossley Hill, Liverpool, recently, Thomas V. Treacy, Liverpool, to Anne H. Kinsman, M.P.S., 33 Hythescausway, Kircaldy, Scotland.

YORSTON—COPELAND.—At Darling's Hotel, Edinburgh, on November 5, Adam Yorston, M.P.S., 33 Winton Place, tenant, to Elizabeth B. S. Copeland.

DEATHS

AITKEN.—Recently, Mr. Thomas Gebbie Aitken, M.P.S., 462 Ashby Road, Upper Parkstone, Dorset. Mr. Aitken passed the Minor examination in 1889.

COOCH.—Recently, Mr. William Albert Cooch, chemist and druggist, 6 Burlston Road, Kingston-on-Thames, aged seventy-one.

DIXON.—Recently, Mr. Richard Dixon, chemist and druggist, 20 The Brooklands, Cleworth. Mr. Dixon passed the Minor examination in 1890.

FREKE.—At 4 Mount Ephraim Lane, Treatham, London, S.W., on November 2, Mr. Cecil Henry Freke, M.P.S., aged eighty-four.

GEDGE.—Recently, Mr. Horatio William Turner Gedge, M.P.S., 53 Muller Road, Bristol, aged seventy.

HOLMES.—Recently, Mr. John William Holmes, M.P.S., Bawtry, Yorks. Mr. Holmes passed the Minor examination in 1908.

ISAAC.—Recently, Mr. William Isaac, M.P.S., 86 Woodfield Street, Morriston, Swansea, aged sixty-two. Mr. Isaac, who had been in business locally for the past twenty-nine years, was a member of the Swansea Insurance Committee.

PALMER.—Recently, Mr. William Palmer, Ph.C., 2 Montpellier Exchange, Cheltenham, aged sixty-three.

PRING.—On November 5, Mr. Henry Grattan Pring, O.B.E., M.P.S.N.I., a director of Grattan & Co., Ltd., chemists, Belfast, aged eighty. Mr. Pring, who was a great grandson of the founder of the business, had been with it for a lifetime. He was one of the original members of the Council of

the Pharmaceutical Society of Northern Ireland, having been appointed by the Government in 1925, but owing to health reasons he retired in 1927. He founded the Special Constabulary for South Antrim and was County Commandant in that area.

TOWNLEY.—At Keswick, recently, Mr. Thomas Thwaites Townley, M.P.S., aged sixty-six.

RECENT WILLS

MR. JOHN COLLETT, M.P.S., 13 High Street, West Wickham, Kent, who died on July 17, left £9,959, with net personality £2,568.

MR. GEORGE RIMMINGTON, Ph.C., The Beeches, Menston, Yorks, who died on August 23, left £26,433 gross, with net personality £23,671.

MR. ERNEST JOSEPH BISACRE, 10 St. Andrews Park Road, Southborough, Kent, retired chemist, who died on July 6, left £4,566, with net personality £3,612.

MR. EDWARD RHODES PATER, Ph.C., of 24 Herbert Road, Westbourne, Bournemouth, formerly of Richmond, Surrey, and Nottingham, who died on September 4, left £3,394 gross, with net personality £3,333.

MR. JAMES STANLEY PEARCE, Priests Mere, Tadworth, Surrey, a director of Spencer, Chapman & Messel, Ltd., chemical manufacturers, Seething Lane, London, E.C., who died on June 5, aged eighty-seven years, left £65,195 gross, with net personality £60,063.

MR. WILLIAM NOEL BURROWES PARROTT, The Coppice, Gorse Wood, Shawbury, Salop, a director, C. & W. Walker, Ltd., chemical plant manufacturers, Donnington, near Wellington, Salop, who died on July 18, left £14,975 gross, with net personality £14,034.

MR. ERNEST BLAKESLEY LAYMAN, Blakesley, Flag Head Road, Canford Cliffs, Dorset, formerly a director of Wright, Layman & Umney, Ltd., manufacturing chemists, Southwark, London, S.E.1, who died on September 3, left £66,620, with net personality £53,938.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.



John Bell

BRAND

JOHN BELL HILLS & LUCAS LTD
OXFORD WORKS, WORSLEY BRIDGE ROAD, S E 26

TIN-OX TABLETS

Retail—1/4½ size
1/11 size, 3/- size

Trade—
10/- doz. bots., 13/6
doz. bots., 20/- doz.
bots.

Including Purchase Tax

For RHEUMATISM — CONSTIPATION -PURITAN SALTS-

PACKETS 6d. GLASS JARS 2/6 TAX EXTRA

Stocked by Principal Wholesalers

MATTHEWS LABORATORIES LTD., CLIFTON, BRISTOL, 8

STANNOXYL

The original preparation of tin and
tin oxide for the treatment of Boils
TABLETS—TUBES OF 80

THE ANGLO-FRENCH DRUG CO., LTD., LONDON, W.C.1

We blend COMPOUND PERFUMES

for use in the
MANUFACTURE OF
COSMETICS

A. BOAKE, ROBERTS & Co. LTD
ABRAC WORKS, LONDON, E.15

Telephone: Buckhurst 1133 (6 lines)

Telegrams: Boake, Phone, London

S. V. R.

JAMES BURROUGH LTD.

1 Cale Distillery Lambeth S.E.11

ALWAYS IN GREAT DEMAND

Small Size

8½d.

Tax included
(1 coupon)

DERBAC
DISINFESTANT
SOAP

Large Size

1/4

Tax included
(2 coupons)

THE PERFECT HEAD AND BODY CLEANSER
PURE PRODUCTS LTD. COLWICK, NOTTINGHAM

OLEUM VITAMINATUM
B.P. 2nd. Addendum

H. R. NAPP LIMITED

3 & 4, Clements Inn, London, W.C.2.



*Meet the need
for 'Something
more persuasive'*

MEDILAX
BRAND
Laxative Pellets

DRUGS, GALENICALS, PROPRIETARIES

Makers of 'Vitasac'

R. SUMNER & CO. LTD.

HANOVER STREET LIVERPOOL, 1

S.124

**GRINDING, DISINTEGRATING
AND SCREENING SPECIALISTS**

Require Contracts, Large or Small
all Materials

DOMWOOD LTD.

68 VICTORIA STREET, LONDON, S.W.1

TRAGACANTH

SPECIALISTS IN B.P. POWDER

Also Technical and Industrial qualities. All Grades of Whole
Flakes as imported. Samples and prices on request.

FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,
London, E.C.3. Tel. Address: 'Freudenruff' Tel.:
Mansion House 1924 & 6600 Estd. 1826

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

RETAILER — WHOLESALER — MANUFACTURER

circulates throughout the Pharmaceutical, chemical, Drug, Essential Oil, Perfumery, cosmetic, Toilet Preparation and allied trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXXXVIII NOVEMBER 21, 1942 NO. 3276

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

War Damage Regulations

THE War Damage Commission has issued a reminder for the guidance of persons whose properties have suffered war damage and who may wish to consider what action they should take under the Landlord and Tenant (War Damage) Acts, 1939 and 1941. Tenants (including ground lessees) of property which has suffered war damage, except those held on a quarterly or shorter tenancy, are reminded that their liability to pay rent continues even if the premises are rendered unfit by war damage unless they serve on landlords a notice under the Landlord and Tenant (War Damage) Acts.

The notice can be in one of three forms:

- (1) A notice of disclaimer by which the tenant surrenders the tenancy. (The landlord may refuse to accept the surrender of the lease, in which case he is deemed to undertake to render the property fit and the tenant pays no rent until the property has been rendered fit.)
- (2) A notice of retention by which the tenant retains his tenancy, but becomes liable to render the property fit as soon as practicable and to pay the full rent when this has been done.
- (3) A conditional notice of retention which will operate either as (a) if the War Damage

Commission decides to make a value payment or as (b) if the Commission decides to make a cost of works payment, the tenant being relieved meanwhile from the payment of rent. (N.B. This notice must be served on the Commission as well.)

The rent of premises held on a quarterly or shorter tenancy which are rendered unfit by war damage and in consequence are not occupied by the tenant is not payable until the premises are made fit or until they are again occupied. Tenants are urged to get advice immediately after the occurrence of war damage as to what steps they should take. The War Damage Commission cannot advise them as to this, but the Citizens' Advice Bureau has informed the Commission that it will consider inquiries.

Notification of War Damage

The War Damage Commission announces that a notification of war damage to land or buildings (Form C.1) cannot be accepted after the prescribed period of thirty days from the date of the damage unless it is accompanied by an explanation satisfactory to the Commission of the failure of the claimant to notify the damage in that time.

After December 1 a claimant who sends in a notification more than ninety days after the occurrence of the war damage will normally be required to make a statutory declaration before a Commissioner for Oaths or a Justice of the Peace on a special form which must be obtained from a Regional office of the Commission. In this he will be called on to verify the information needed in a notification of damage, and in addition give full particulars of all the damage sustained by the property, the facts upon which he relies to prove that it was war damage, and a full statement of the circumstances put forward as an explanation of the delay. The Commission will then decide, under the powers conferred upon it by the proviso to Section 10 (3) of the War Damage Act, 1941, whether to make a payment notwithstanding that the requirements of the Regulations have not been observed.

In making this announcement the Commission desires to emphasise that it is not its intention to deprive a *bona fide* claimant of a payment in respect of damage to land and buildings. But it is essential, in order to ensure that payments are not made in respect of damage other than "war damage," that early notification should be made.

DOCTOR ON PHARMACY'S FUTURE

SHEFFIELD Branch of the Pharmaceutical Society, at a meeting held on October 29, heard speculations by Dr. Robert Forgan on the question "No Future for the Pharmacist?" Mr. C. S. Cross was in the chair. DR. FORGAN suggested that eventually the only pharmacists practising true pharmacy would be employed at public-health centres, hospitals, clinics, or manufacturing organisations, and urged all young pharmacists to study biochemistry, etc., to qualify for a position within the "new order."

In the past, said the speaker, there had been incomplete co-operation between pharmacist and doctor. Both parties had been at fault, and he hoped that in the future more complete co-ordination of the two professions would be obtained. While disclaiming any official knowledge of medical planning he forecast that the prescribing and dispensing of the present-day National Health scheme would pass, and that the *régime* that replaced it would possibly consist of health centres, with medical men

and pharmacists in attendance. Voluntary hospitals would be succeeded by State hospitals, and that bane of all hospitals—the out-patients department—would be drastically remodelled. Under this change pharmacists would be employed by public-health bodies, and would thus lose all direct personal contact with the public. The art of medicine itself would gradually disappear, to be replaced by a science based on chemical, pathological and biological tests. This would bring in a new sphere of work for the pharmacist. The introduction of chemotherapy into medicine had already resulted in the disappearance of much of the art of dispensing and, as chemotherapeutic compounds increased in variety and more pathogenic organisms responded to their treatment, the activities of the pharmacist as such would correspondingly diminish.

A vote of thanks to the speaker was proposed by the VICE-CHAIRMAN (Mr. Fox), seconded by MR. SEWELL and supported by MR. APPLETON.

PHARMACISTS AS CIVIL SERVANTS

"PHARMACY in the Post-war Health Services" was the subject of an address by Mr. J. W. Cooper, Ph.C. (chairman, Yorkshire Branch, Guild of Public Pharmacists), recently, Mr. F. J. Laws presiding. The post-war health service might consist, he thought, of an extension of National Health Insurance to embrace all workers up to £600 per annum. Voluntary hospitals would receive a Government grant (through N.H.I. funds), based on work done, some of the members on the boards of management being nominated by the Government. A co-ordinated scheme on a regional basis (as visualised by the Nuffield Provincial Hospitals Trust) was likely to mature. This might lead to co-ordination of the pharmaceutical services in each region, e.g. regional buying of drugs, dressings, and regional pharmaceutical laboratories for manufacturing and analysis. If regionalisation matured, pharmacy would have to insist on the appointment of at least one pharmacist to the Regional Hospitals Council, and the appointment of a pharmacist as Regional Pharmaceutical Officer to be responsible for the control and co-ordination of pharmaceutical services. The big increase in prescriptions for patients receiving home treatment might be catered

for in two ways—either by using existing pharmacies, as visualised in the recent memorandum to the Beveridge Committee, representing in the main the views of employer pharmacists: if this course were followed pharmacists would remain in business as at present; or by setting up State-owned dispensaries staffed by pharmacists.

"Pharmacy for the pharmacist" had been a well-known slogan for years, and the post-war period might well provide the opportunity for a large proportion of pharmacists at present employees to engage entirely in pharmaceutical work as civil servants. Employee pharmacists should at once form a single organisation to represent them. It was important that all sections of employees, whatever their occupation and political beliefs, should combine and decide the important issue likely to arise in post-war pharmacy, i.e. should pharmacy, as represented by an extended N.H.I., continue to be linked with business, or should it seek to divorce this professional work from shopkeeping by asking the Government to set up dispensaries to cover the needs of the insured population, amounting by that time to 90 per cent. of the population?

CENSUS IMPLICATIONS DISCUSSED

MEETING of the Bradford Branch of the Pharmaceutical Society was held on November 12, when Mr. G. R. Knox Mawer (a member of Council), who was welcomed as the chairman (Mr. J. W. Kitching), gave an address on "Census Implications and Pharmaceutical Review." Mr. Knox Mawer began by paying tribute to the secretary of the Pharmaceutical Society (Mr. Hugh Linstead), and his deputy (Mr. F. W. Rams). The Society had had in the late William Glynn Jones, he said, a most competent secretary, but in Mr. Linstead he saw a man who was able to take the Society further ahead in these times.

Man-power Problems

The mysteries of the Central Pharmaceutical War Committee, he said, were to settle the difficult problems of a tug-of-war between the call of the State and the maintenance of a reasonable pharmaceutical service for the civilian population. It was difficult to get Government departments to move, and what the Committee had done was done in difficult circumstances. Lack of speed was often due to lack of support from the Ministry concerned. The calls of military service were going to be heavy, and it was essential that remaining man-power should be used to the best advantage. Consequently, with Government permission, a pharmaceutical census had just been taken. This was made necessary because the National Register of pharmacists and Dispensers, made at great treasury expense, was not adequate. "Our democracy shows the shirkers' paradise and offers many loopholes for evasion of duty and service," he said. Whereas the approximately 80 per cent. return of forms was good, it failed to give an adequate picture of the pharmaceutical position. In post-war days pharmacy would be judged by what it had done for the nation in the hour of trial. The pharmacists' record was good. From the beginning, through the National Register, 800 pharmacists had volunteered as sergeants for the Royal Army Medical Corps, fifty for the Navy, some for hospital appointments, and 150 for the Red Cross. The new census would help further to clarify the situation. It was estimated that a "drug girl" should be able to serve 5,000 drug customers in a year, and this might be a future basis for practical purposes. The purpose of the census was to economise to the full in

man-power, and while the Committee was considering the mobility of pharmaceutical man-power from business A to business B, the Government was reluctant to do this, and would not do it at present.

Age-Group Problems

Age-groups caused problems, and his opinion was that the younger men should be called up first. The largest number of problems had been caused by over-thirty-five's being called up before the under-twenty-five's. About 150 district pharmaceutical war committees had helped to meet the problems, and the Central Committee had had to assess how the "yard stick" had been used by the local committees. The under-twenty-five's, however, about 125 in number, would most certainly have to go in the near future. They had been retained in many instances because some blitzed areas would have been denuded of pharmacists had they been taken. Of the thirty-forty age group, 231 had been granted no deferment, 474 short deferment, and 4,400 "open" deferment. The Committee believed that pharmacists working in ordnance factories were doing valuable work, and he (Mr. Knox Mawer) believed that, when all the pharmaceutical services had been filled, it was no disgrace to take war service of a factory nature.

Questions

After the address, MESSRS. WHITTAKER and WILKINSON raised the question of the "guess-work" necessary to fill in on the census form the number of drug customers. The person, Mr. Wilkinson said, who could give an accurate dissection would be at a disadvantage beside the pharmacist who made a generous guess.—MR. KNOX MAWER said the word guess would be better replaced by the word estimate, and they could rely on the honesty and integrity of pharmacists.

MR. MITCHELL asked if it would be likely that younger men would be replaced by older pharmacists.—MR. KNOX MAWER replied that at the present time the C.P.W.C. had no power to transfer anyone. The position of company chemists transferring personnel from pharmacy to pharmacy would be carefully considered.

MR. SUTCLIFFE proposed a vote of thanks to the speaker, which was seconded by MR. WHITTAKER and carried with acclamation.

MEDICAL ABSTRACTS

War-time Iron Deficiency.—Tests carried out by Davidson and others ("British Medical Journal," October 31, p. 506) on 831 infants and school children in Edinburgh showed that after three years of war a fall in haemoglobin level was discernible in school children, but none amongst infants.

Succinylsulphathiazole.—The utility of succinylsulphathiazole as an intestinal antiseptic is discussed by Poth in the "Journal of the American Pharmaceutical Association" (120.4.265). His experiences in the treatment of fifty patients before and after operation to the large bowel indicate that it largely eliminates serious complications due to infection, and shortens the convalescence. Toxicity is slight.

Overcoming Sulphonamide Sensitisation.—Allergic sensitisations to administration of drugs of the sulphonamide group have been recorded by a number of writers. Erskine ("Lancet," November 14, p. 568) suggests that the sensitisation may be minimised if medication is restricted to seven days or less whenever practicable; if small doses are used initially for certain infections associated with a chronic infective focus; if desensitisation is undertaken immediately should sensitisation become apparent at the eighth day; and if during the treatment exposure to sunlight is restricted.

House-Dust Extracts.—The preparation of extracts of house dust—an important factor in producing symptoms in asthmatics—has been studied by Sutherland ("British Medical Journal," September 5, p. 280). The allergen in such dust is believed to be a simple substance adsorbed on the particles of dust. It was found that N/100 ammonia brought the active fraction readily into the aqueous solution. Five hundred grams of this is just wetted with N/100 ammonia and left for twenty-four hours. The mass is then wrapped in cloth and squeezed in a powerful press, and the fluid so obtained filtered through paper and a Seitz filter-pad. Sodium benzoate (20 gm. per litre) is added, and then hydrochloric acid (1:5) until the mixture becomes just acid to Congo red. The precipitate of benzoic acid which appears is, after twelve to twenty-four hours, filtered off. Much of the active substance is held in an adsorbed form on the benzoic acid, and is released when the benzoic acid is dissolved in acetone. The precipitate is removed by centrifugalisation, washed in acetone and finally in ether, and dried. The powder

shows great activity, and appears to provide an ideal test reagent, as it is quite inert when tested on "control" normal individuals. Tests on 100 asthmatic soldiers show that roughly 80 per cent. react strongly, and in twenty cases treatment by desensitisation with a 1 per cent. solution produced spectacular improvement in almost every instance.

Direct Nerve Action Against Shock.—Laboratory and clinical experiments carried out in Soviet Russia on the treatment of traumatic shock by means of drugs applied at vegetative nerve centres are described by Stern in the "Lancet" (November 14, p. 572). Laboratory experiments on animals by Chvoles at the Institute of Pathology, Moscow, showed that the direct introduction of potassium ions into the lateral ventricle or cisterna magna strongly excites the sympathetic nervous system in cases of experimental traumatic, anaphylactic, peptone and histamine shock. Phosphate ions, by reducing the concentration of free calcium ions, lead to a substantial decrease in the tonus of the para-sympathetic centres. Apparently as a result of the action there is an increase in the quantity of circulating fluid from the mobilisation of blood from the blood depôts and fluid from the tissue spaces. Injection of a small quantity of potassium phosphate (equivalent to 3-4 mgm. of potassium) experimentally in animals caused the pathological manifestations of shock to disappear completely; blood-pressure rose to normal within thirty seconds, and respiratory rhythm and normal reactivity and excitability were restored. In some experiments, where the blood-volume had been reduced to half normal by bleeding, introduction of potassium phosphate into the ventricles was sufficient to bring the animal out of the state of shock without the necessity of compensating for the blood loss. The action of potassium phosphate was seen only in the absence of anatomical injury of the vegetative nerve centre cells and while they still had capacity to react. When they were exhausted the drug had not this effect. The laboratory results were confirmed clinically and on the battlefield. The technique in man was to inject a one-sixth molar solution (isotonic) of potassium phosphate (a mixture of potassium hydrogen phosphate and potassium dihydrogen phosphate giving a pH of 7.6) in a quantity of 1-2 mls directly into the cerebral ventricles or cisterna magna.

NUTRITION IN WAR-TIME

by Frank Wokes, Ph.D., B.Sc., F.I.C., Ph.C.

XII.—Communal Feeding

COMMUNAL feeding involving the large-scale preparation and serving of meals has for many years been the experience of the armed forces both in peace and in war. More recently the development of factory canteens and other organised feeding centres has accustomed thousands of civilians to the idea of eating their daily meals together. During the present war communal feeding is rapidly spread until by far the greater part of the adult population, as well as many children of school age, now congregate in large numbers on working days to eat their midday meals. The immediate cause has been the need for economy in fuel and labour and for the utilisation of married women in war-time war work. A striking feature of this development has been the scientific approach to the many problems involved.

Variation in Values of Foods.—It is known that different samples of a given food may vary widely in their nutritional value. Some potatoes, for instance, contain ten or more times as much vitamin C as other potatoes of equal weight. This is mainly due to loss of vitamin during storage. Potatoes should be kept in a cool dry place and used before they become too old. The same applies to carrots, in which a similar range of vitamin-C values occurs. In tomatoes the range may be from one to six or more, and in cabbages not much less. Here again freshness is of importance, and proximity to the site on which the vegetables are grown is found to exert a considerable influence on the vitamin-C value of the food served. Equally wide ranges of vitamin value are found for vitamin A, but this is probably due to conditions of growth. Information about the variation in the concentration of the B vitamins in different samples of the same food is still lacking. Most serious of all are the variations in the vitamin-D value of milk, butter and eggs, according to the diet and living conditions of the cows and poultry supplying them. Variations in mineral values also occur, though little is yet known about them. Vegetables and dairy produce from limestone districts may contain much less than their normal amounts of iodine, the differences being sufficient to produce an increase in the incidence of goitre if the dietary deficiency of iodine is not made good by administration of iodide. Though the causes of some of these variations in food value are

still obscure, enough is already known to enable great improvements to be effected in the nutritional value of our diet.

Wastage in Preparation of Meals.—When food is being prepared for cooking or eating, part of it is frequently discarded. Cabbages for instance, have their outer leaves removed, because they are tougher and require more cooking. Pea pods are not usually eaten, probably because they contain a certain proportion of fibrous tissue. Now the outer leaves of cabbage may be quite suitable for making soups or stews, and when it is realised that the vitamin value of the part of the cabbage usually thrown away is greater than that of the part eaten, the importance of avoiding this loss, which can most readily be done in large-scale cooking, becomes obvious. Similarly, a method was recently broadcast by the writer, describing how to remove the fibre from pea pods, leaving the fleshy part, which when cooked with the peas is quite palatable. The vitamin-C value of carrot tops usually thrown away is three to five times that of the root usually eaten. The Ministry of Food has published a recipe utilising carrot tops. The private housewife may naturally be reluctant to experiment on her family with such novel dishes. Communal feeding affords the opportunity of testing such dishes out on a small number of people who are willing to try them but know that an alternative is available.

Losses of Food Value During Cooking.—Losses of nutrients during cooking may be due either to their destruction by heat or oxidation or to their extraction by the cooking water which is then thrown away instead of being used for making soups or stews. Vitamin C is particularly susceptible to destruction, not so much by heat *per se* as by oxidising enzymes present in many vegetables and certain fruits forming important sources of the vitamin. If cabbage, for instance, is put into cold water and only slowly brought to the boil, the oxidising enzymes may destroy a considerable proportion of the vitamin C before the water becomes hot enough to inactivate the enzymes. In cooking on a small scale, as in a private household, it is easy to put the cabbage bit by bit into a sufficient quantity of boiling water to inactivate the oxidising enzymes before they can do any serious damage to the food value. In large-scale

cooking this is more difficult to arrange, and tests made on food cooked in communal kitchens, even including those in hospitals, have shown that serious losses of food values not infrequently occur. Vitamin B₁ is probably not seriously affected by normal boiling or steaming, unless unduly prolonged, but may lose a good deal of its activity if heated above 110° C. This may occur in pressure cooking, or in roasting or frying if unduly prolonged. The other B vitamins are more stable towards heat, and little affected by normal cooking processes. This also applies to vitamins A, D, E and K. Of all other food constituents besides vitamins, proteins are most likely to be affected, the heat causing denaturation. This may alter the digestibility and availability of the protein, but little is yet known on this subject.

Losses of Food Value in the Cooking Water.—Next come losses of food constituents owing to their being extracted by the cooking water which is thrown away. The popular idea that the boiling of vegetables removes most of their mineral salts has little foundation in fact. Very careful experiments by McCance and his colleagues have shown that only small amounts of mineral salts are thus removed, and these small losses can be further diminished by the addition of salt to the cooking water. On the other hand, there may be serious losses of the B vitamins and of vitamin C. The concentration of these water-soluble vitamins becomes as high in the cooking water as in the vegetables being cooked, and since, as has been shown above, the amount of water used to boil vegetables should be more than equal to the amount of vegetable being cooked, this means that more than half of the total quantity of water-soluble vitamins present passes from the vegetables out into the cooking water. This difficulty is encountered both in small-scale and in large-scale cooking, but large-scale or communal cooking has the advantage in providing the opportunity of "serial cooking," in which the water in which one batch of green vegetables has been boiled is used the same day (preferably within an hour or so) to boil a second batch, and sometimes even a third batch. The vitamins and other soluble constituents extracted from the first batch of vegetables remain in the cooking water, so that when a second batch of vegetables is put into this water only very small further amounts need to pass into the water to establish equilibrium between the concentration of each constituent in the water and in the vegetable. Obviously this method of "serial cooking" can only be

successful if the first batch of vegetable contains as high a concentration of the water-soluble vitamins and other constituents as is present in the second and further batches. It would not give satisfactory results in respect to vitamin C if the first batch of vegetables were potatoes, and the second batch cabbages.

Dehydrated Foods.—Most fresh vegetables, as well as many other foods such as milk, eggs and meat, consist largely of water. Removal of this water gives a more compact and more stable product which can be manufactured in time of plenty and stored for use in time of scarcity. Milk, for instance, is being dried in the summer for distribution in the winter, when the ration of fresh milk is reduced. Eggs produced in America where feeding stuffs are plentiful are being dried and brought over to this country in the form of powder. More recently vegetables such as cabbages, carrots and potatoes, and certain kinds of meat, have been dehydrated in the form of shreds, flakes or thin slices. The process of dehydration must be carried out with great care to avoid loss of vitamin or other food value. Vegetables are treated with boiling water or steam to destroy the oxidising enzymes before being dried, and even before being finely divided. When cabbages and other green vegetables dried in this manner are being cooked there is no need to put them straight into boiling water, as with fresh greens, since the enzymes which destroy vitamin C have been inactivated. Consequently such dehydrated vegetables are particularly suitable for active service use.

Storage of Dehydrated Foods.—The stability of dried foods depends largely on their containing a minimum proportion of water. Some of these foods, especially dried milk, are hygroscopic, and gradually take up atmospheric moisture. When the moisture content reaches a certain level deterioration may set in. The fat in dried milk, for instance, may begin to develop rancidity. Thus dehydrated foods, especially if made from eggs and milk, should be stored in air-tight containers. When these have been opened they should be stored in a dry place, the lid put on as quickly and tightly as possible, and the contents used within a few weeks. Dried eggs purchased in cartons should be transferred to dry tins or jars with tightly fitting lids. Some preparations containing dried eggs and milk are more stable than others. Dehydrated foods are sometimes packed in containers filled with an inert gas such as nitrogen or carbon dioxide to avoid changes due to oxidation.

LONDON PERFUMERS' ANNUAL MEETING

The annual meeting of the perfumery and toilet preparations manufacturers' section of the London Chamber of Commerce was held at the Chamber's offices on November 17. Mr. A. F. Gunning (managing director, W. & A. G. Extract Co., Ltd.) presided, and twenty members were present.

Section of Officers

Mr. Gunning was re-elected *Chairman*, Mr. L. J. Matchan (general manager, W. & A. G. Extract Co., Inc.) *Deputy-chairman*. The three retiring members of the *Executive Committee* (representatives of J. & E. Atkinson, Ltd., Potter & Moore, Ltd., and R. F. White & Co., Ltd.) were re-elected, and the committee was accordingly constituted for the year as follows: Elizabeth Arden, Ltd.; J. & E. Atkinson, Ltd.; Coty (England), Ltd.; County Perfumery Co., Ltd.; Evans Williams Co., Ltd.; D. & W. Gibbs, Ltd.; W. Hampshire & Co., Ltd.; Potter & Moore, Ltd.; Tokalon, Ltd.; R. F. White & Co., Ltd., with the chairman, deputy-chairman, and immediate past chairman Mr. T. Lyddon Gardner, managing director, Wardley & Co., Ltd.), *ex officio*. Action taken by the committee in regard to a number of matters concerning labelling, packing, and raw materials was reported on and discussed by the meeting.

Chairman's Address

MR. GUNNING said: When my predecessor made his report, he pointed out that the industry's relations with the Government had reached a turning-point. When the Government first adopted the policy of restricting industry, it was obvious that toilet preparations held a low place in the list of products whose continued production was considered desirable. However, restrictions were introduced cautiously and the section accepted them with good grace. In fact, it met the Government half-way by offering its services for the production of war material. The Government did not adopt the proposals, but instead introduced the first concentration scheme, whereby they took many factories but ignored the valuable administration services that the manufacturers could have provided. However, the issue of additional quota licences implied recognition that toilet preparations were necessary to maintain women's morale. The past twelve months have seen closer

co-operation with the Government. A sub-committee the executive committee set up last year was appointed by the Government in June to be an advisory committee to the Board of Trade. There is now real co-operation between Board and committee; and though the Board has not seen its way to accept all the advice given, it has adopted many of the suggestions.

Modified Orders and Reconcentration

This time last year we had just begun to work under a new Order designed specially for toilet preparations; the Order was modified a month or two after its introduction largely to meet our criticisms. Undoubtedly the No. 2 Order remedied some of the more serious weaknesses of its predecessors: it removed the quota racketeer and put some brake on the black market. That Order lasted until the end of May, and was succeeded for a further two months by the No. 3 Order. Meanwhile, the advisory committee was appointed, and in August we had the No. 4 Order, coupled with reconcentration. It has been a severe wrench to many of us to leave the factories we had created and which were our pride, but there are still some firms, mostly smaller concerns, who have not entered into concentration schemes. The bait of a 50 per cent. instead of a 20 per cent. quota has not been sufficiently attractive. It seems to me that this derestriction is causing a serious drain on materials which should have been conserved for *bona fide* firms. I should like to think that the period of production difficulties is nearly over, but unfortunately we are now evidently entering on the period of raw material difficulties, which may conceivably be the most anxious period we have yet had to face. The black market also is still with us. Although the Board of Trade, in announcing the derestriction of face powder and dusting powder, stated publicly that raw materials for those products were not in short supply, their words have been belied by the facts. During the year there has been a fundamental change in the section's constitution, and we have opened our ranks to manufacturers of toilet preparations whose main business lies in other directions. Thereby we have greatly strengthened our position and are enabled to claim that we are really representative of the industry.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, November 18

SINCE the report published in last week's issue, business in the London drug and chemical markets has been confined to moderate sales to home manufacturers, and the filling of a few export orders. There have been no changes in prices, except for some minor movements, mostly in the seller's favour. Although merchants are finding considerable difficulty in meeting demands for some items now in restricted supply, stocks on the whole are fairly good, and sufficient should be available to meet reasonable requirements provided strict economy is observed. No price changes have occurred in PHARMACEUTICAL CHEMICALS, demand for which has been of a routine character. Supplies of BENZOIC ACID are stated to be available for essential pharmaceutical and medicinal purposes. GUAICOLS are in moderate supply at unchanged prices. TANNIC ACID is firm and in restricted supply.

Crude Drugs

Most of the business in these commodities has again come from home consumers, whose regular requirements are being met without much difficulty. Price changes have been few. AGAR, for the preparation of bacteriological media, is selling in small quantities, but prices are not mentioned. Inquiry continues for ALOES; stocks of Cape at source appear to be small. Most varieties of BALSAMS remain in short supply. BENZOIN has again been in good demand, and existing stocks have become further depleted. Permission to use CAMPHOR is being granted in special circumstances, and modest sales are being made. CARDAMOMS is rather firmer. Mombasa CHILLIES is quoted at a level considerably below that mentioned last week. No better demand can be recorded for ERGOT; the shipment price is lower. GUM ACACIA is quiet, with slightly cheaper prices ruling for Kordofan on spot and afloat. Matto Grosso IPECACUANHA is tending dearer, and it is understood that no offers are being received from source. Substantial quantities of MENTHOL are reported to have been taken up by consumers. RHUBARB is selling steadily at unchanged prices. SARSAPARILLA is reported cleared, with nothing offering

afloat. Among the SEEDS a few bags of FENUGREEK are stated to be available; the Minister of Food has made an Order—the Mustard Seed (Control and Maximum Prices) Order, 1942—which prescribes the types of transactions that may be permitted for the sale of MUSTARD SEED and defines the parties to the transactions. Any person may sell mustard seed to a retailer or to a grower, but otherwise sales by growers may only be made to licensed approved buyers or to licensed manufacturers. An approved buyer is required to hold a licence as a mustard-seed merchant as a condition of his selling mustard seed to a manufacturer. The Order prohibits, except under licence, the grinding of mustard seed for the purpose of trade. A schedule to the Order prescribes maximum prices at which mustard seed may be sold to manufacturers. Applications for licences as approved buyers, mustard-seed merchants, and mustard manufacturers should be addressed to the Ministry of Food, Fruit and Vegetable Products Division, St. John's College, Oxford. Quiet conditions have obtained for all descriptions of SPICES. Business in TRAGACANTH has been fair, and the market is firmer.

Essential Oils

There are few price changes to report this week, and business has been slight. ANISE (STAR) is still in good demand, but spot stocks are not easy to locate. Restricted supplies of CANANGA are quoted unchanged. English distillers' prices for CLOVE are steady at previously mentioned levels. No quotable change has occurred in EUCALYPTUS, supplies of which are not plentiful. Some spot business is reported in Chinese PEPPERMINT. No changes have been notified in the controlled prices for fixed oils.

Exchange Rates on London

No changes have occurred in the Bank of England fixed rates, principal among which are the following: New York, 4.03 dollars; Montreal, 4.45 dollars; Buenos Aires, 17.02 paper pesos; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. Madrid pesetas continue to be quoted at 40.50, and the Chinese National dollar is valued at 3 $\frac{1}{2}$ d.

Pharmaceutical Chemicals

ACETANILIDE.—Supplies are fair and prices are unchanged: B.P.C. crystals, 2s. 5d. per lb.; powder, 2s. 6d. per lb.

ALLOBARBITONE.—Makers' price would be about 6os. per lb.

ASPIRIN.—Makers' prices steady at recent advance of twopence per lb. :—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
From 1 lb. . .	4 3½	—	—	—	—
From 4 lb. . .	4 2½	4 0½	—	—	—
From 7 lb. . .	4 1½	3 11½	3 11½	—	—
From 14 lb. .	4 0½	3 10½	3 10½	3 10	—
From 28 lb. .	3 11½	3 9½	3 9½	3 9	3 8½
1 cwt. . .	3 4½	3 2½	3 2½	3 2*	3 1½
5 cwt. . .	3 4	3 2½	3 1½	3 1½*	3 1
10 cwt. . .	3 3	3 1½	3 0½	3 0½*	3 0

* 8×14 lb. and upwards in one delivery, ½d. per lb. less. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if powder is converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—Makers' prices are as follows: Under 5,000, 3s. 5d.; 5,000, 3s. 3d.; 10,000, 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.; 100,000, 2s. 10d.; 250,000, 2s. 9½d.; 500,000, 2s. 9d.; 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d. per 1,000.

BORIC ACID.—B.P. quality is quoted by makers as follows: Granulated, £60 15s. per ton; crystal, £61 15s.; powder, £62 15s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, carriage paid in Great Britain, in one-ton lots and upwards.

BROMIDES.—Makers quote one-cwt. lots of POTASSIUM as follows (containers in brackets): 3s. 0½d. (1-lb.); 2s. 10½d. (4-lb.); 2s. 10½d. (7-lb.); 2s. 10d. (14-lb.); 2s. 9½d. (28-lb.). SODIUM, one penny per lb. extra; AMMONIUM, threepence per lb. extra.

ETHERS (METHYLATED).—The following are makers' prices per lb. for winchester quarts: 0.750, 1s. 5½d.; 0.735, 1s. 5½d.; 0.730, 1s. 5½d.; 0.725, 1s. 7½d.; 0.725 (triply rectified), 2s. 0½d.; 0.720, 1s. 8½d.; 0.717, 2s. 2½d.; 0.720 B.P. (not for anaesthesia), 1s. 10d. Net prices, usual terms.

GLYCERIN.—Prices for small quantities are as follows: 1-cwt. drum, 86s. per cwt.; 56-lb. tin, 94s.; 14-lb. tin, 100s. per cwt. Subject to discount of 2½ per cent., twenty-eight days.

GUAIACOLS.—Supplies are stated to be fairly good. Price of CRYSTALS and CARBONATE, about 13s. to 14s. per lb. Some LIQUID is also stated to be available at from 14s. to 15s. per lb.

HOMATROPINE.—HYDROBROMIDE, B.P. is at 3s. 2d. per gm., and at the following prices per oz.: 75s. (1 oz.); 70s. (4 oz.); 65s. (16 oz.).

MAGNESIUM CARBONATE, HEAVY.—Home market prices for 28 lb.—1 cwt. are as follows (containers in brackets): 1s. 6d. (1 lb.); 1s. 4½d. (4 lb.); 1s. 3½d. (7 lb.); 1s. 3½d. (14 lb.); 1s. 3d. (28 lb.). Corresponding prices for LIGHT are as follows: 1s. 2d.; 1s. 0½d.; 11½d.; 11½d.; 11d.

MAGNESIUM OXIDE, LIGHT.—Quantities of 28 lb.—1 cwt. are quoted by makers for the home trade as follows (containers in brackets): 2s. 7½d. (1 lb.); 2s. 5½d. (4 lb.); 2s. 5½d. (7 lb.); 2s. 5d. (14 lb.); 2s. 4½d. (28 lb.).

MERCURY IODIDES.—Makers' prices per lb. are as follows: RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 26s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

METHYL SALICYLATE.—No changes have been notified in makers' prices: Five cwt., 1s. 11d. per lb.; one cwt., 1s. 11½d.; smaller lots, in bottles, 2s. 1½d. (28 lb.).

POTASSIUM PERMANGANATE.—Makers' price for 1-cwt. quantities of B.P. quality remains at 1s. 10d. per lb.; 3-cwt. quantities are half-penny per lb. less.

TANNIC ACID.—Price remains at about 7s. 6d. per lb., with supplies restricted.

TERPINEOL.—Available for medicinal use at from 3s. 6d. to 4s. per lb., according to quantity.

VANILLIN.—Makers' prices unchanged. Ex clove oil or guaiacol, five cwt., 22s. 6d. per lb.; one cwt., 22s. 9d.; 56 lb., 23s.; less than 56 lb., 23s. 3d. Carriage paid in the United Kingdom.

Crude Drugs

AGAR.—Some small business reported to be passing in material for bacteriological use.

ALOES.—Inquiry continues for Curaçao and a price of 450s. per cwt., c.i.f., is mentioned. Cape, spot, 65s. to 67s. 6d. per cwt., according to holder; forward prices seem to be about 45s. to 47s. 6d. per cwt., f.o.b., but stocks at source appear to be small.

ANTIMONY.—No changes have occurred during the week. English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, for the home trade, £100 per ton, delivered.

BALSAMS.—Current spot prices for available supplies are as follows: *Tolu*, small lots of softish, 9s. 9d. per lb.; *Canada*, in short supply, 8s. 9d. per lb.; *Peru*, 8s. 3d. per lb.; *Copaiba*, B.P., cannot be had.

BELLADONNA.—Indian root testing 0.5 per cent. alkaloids would be worth 475s. per cwt. on spot.

BENZOIN.—Demand has continued, and existing stocks are becoming further depleted. Spot, ordinary grade, £16 to £25 per cwt., according to seller. Spot, free almondy, £33 to £35 per cwt.

BISMUTH METAL.—Price remains at 6s. 3d. per lb. for minimum 5-cwt. lots of high-grade.

BUCHU.—Fair green rounds, in limited compass on spot, are firmly held for 6s. 3d. per lb.

CAMPHOR.—A few inquiries are being received, and permission to use is being granted in special circumstances. Prices are without change: Chinese, B.P., spot, 11s. 6d. per lb.; crude (92 per cent.), 10s.; Japanese slabs, 12s. Supplies of English synthetic, B.P., are understood to be available to approved buyers at 7s. 6d. per lb.

CARDAMOMS.—Rather firmer; current values are as follows: Aleppy green, spot, 5s. 3d. per lb.; shipment, 4s. 6d. per lb., c.i.f. Aleppy seed, spot, 5s. 9d.; shipment, 5s. 3d., c.i.f. Split seed, spot, 4s. 6d. to 4s. 9d. per lb., according to seller.

CHILLIES.—Spot price of Mombasa fruits lower at 125s. per cwt.

CLOVES.—No change has occurred during the week. Value of Zanzibar on spot, steady at 1s. 6d. per lb.; second quality, afloat, 1s. 4d. per lb., sellers, c.i.f. No quotations for Madagascar.

COCOA BUTTER.—The maximum price under Ministry of Food Order is 1s. 5½d. per lb., ex factory or warehouse, except when sold under licence.

COCONUT (DESICCATED).—No change has taken place in the Ministry of Food controlled price of 49s. per cwt.

DANDELION ROOT.—Spot value of Indian root would be priced at 140s. per cwt., but supplies are not plentiful.

DIGITALIS LEAVES.—Good-testing Portuguese leaves unchanged on spot at 125s. per cwt.

DRAGON'S BLOOD.—Spot stocks of re-boiled are exhausted. Dull Zanzibar drop may be had on spot at £21 per cwt., and seedy lump at £30.

ERGOT.—Demand remains extremely poor. Prices are as follows: Old-crop, spot, 5s. 3d. per lb.; new-crop, spot, 5s. 9d. per lb.; shipment, Portuguese, 4s. 9d. per lb., c.i.f.

GALANGAL.—Spot supplies would be worth 90s. to 95s. per cwt., according to quantity.

GINGER.—Quotations are nominal, pending the fixing of maximum sales prices by the Ministry of Food. Any available spot supplies would be priced at: Cochin, unwashed, 210s. per cwt.; Calicut, 235s.; West African, 200s.

GUM ACACIA.—Quiet, with Kordofan cleaned sorts lower on spot at 95s. per cwt.; afloat, 90s., landed terms; shipment, unchanged at 65s. per cwt., c.i.f. A moderate quantity of bleached remains and may be had by consuming manufacturers at 145s. per cwt., ex warehouse, London.

HONEY.—Current prices for first-hand and wholesale transactions were given in the *C. & D.*, May 9, 527.

IPECACUANHA.—Rather better demand is reported, with business done in Matto Grosso at 18s. 6d. per lb., with a possibility of 19s. now

being asked. Minas, spot, B.P., 13s. 9d. to 14s. per lb.; slightly under B.P., 13s. 3d. per lb. It is understood that no offers are being made from the other side. Emetine is stated to have been offered from Brazil, but licences are apparently not being granted. Current prices for EXT. IPECAC. LIQ., in winchester quarts, are as follows: B.P., 1932, under three, 26s. per lb.; three and under six, 25s. 6d.; six and under twelve, 25s.; twelve and over, 24s. 6d. per lb. B.P., 1914, under three, 24s. per lb.; three and under six, 23s. 6d.; six and under twelve, 23s.; twelve and over, 22s. 6d. per lb., all prices net.

JABORANDI.—Offered on spot at 60s. per cwt., ex store.

JALAP.—Inquiry continues fair, but values are unchanged. Brazilian, 13 per cent., spot, 95s. per cwt.; 16 per cent., spot, 105s.; 19½ per cent., 130s., ex warehouse Liverpool.

KAMALA.—Spot offers of 6 per cent. continue at from 2s. to 2s. 3d. per lb., according to seller.

MENTHOL.—In rather better demand. It is understood that fair-sized parcels have been purchased by consumers. Chinese, spot, 72s. 6d. to 75s. per lb. Japanese, if available on spot, 75s. per lb.

MERCURY.—Full particulars of current official prices, which range from £68 10s. to £69 15s. per bottle for quantities over 7 lb., were given in the *C. & D.*, August 1, p. 131.

MYRRH.—Demand continues steady, but supplies are restricted. Aden sorts, spot, £18 per cwt.

NUX VOMICA.—Business steady but small. Cochin, washed and garbled, spot, 42s. 6d. to 45s. per cwt., according to seller.

ORANGE.—Any small remaining supplies of thin-cut and quarters on spot would fetch 3s. 3d. per lb.

PAPAIN.—Nominal on spot at 16s. per lb.

PEPPERS.—Maximum official price of whole white Muntok, not picked over or cleaned, is 8d. per lb. in bond; whole black Lampong, of similar grade, 5d. per lb., in bond. As noted recently, quotas for the shipment of pepper from India are being arranged.

PIMENTO.—Spot price is unchanged at 2s. 7d. per lb., sellers; shipment prices are not quoted.

PODOPHYLLUM.—Spot offers of *Emodi*, 15 per cent., are forthcoming at 82s. 6d. per cwt.

PSYLLIUM SEED.—Spot value of Indian would be 1s. 3d. per lb.

PYRETHRUM.—Distribution and use are controlled under the Control of Pyrethrum (No. 1) Order, 1942, particulars of which were given in the *C. & D.*, October 31, p. 454.

QUILLAIA BARK.—Prices are unchanged: Natural bark, afloat, 80s. per cwt., c.i.f.; crushed or cut, spot, 115s. per cwt.

RHUBARB.—Demand has been better, but no changes in prices have been recorded. Good-quality rough-round, spot, 7s. 6d. to 7s. 9d. per lb.; slightly wormy, 7s. 3d. to 7s. 6d. per lb. A few odd cases of Shensi are available at 9s. 6d. to 10s. per lb.

SARSAPARILLA.—Demand has been quite good and the market is reported cleared of supplies. There appears to be nothing offering afloat.

SEEDS.—Little business is passing; values are unchanged. **ANISEED.**—No supplies. **CANARY.**—None available. **CARAWAY.**—No supplies. **CORIANDER.**—Indian, none available; English, quoted at 220s. **CUMIN.**—Malta, 165s., duty free; Indian, 165s. **DILL.**—Spot, quoted at 170s. **FENNEL.**—Indian, business done on spot at 105s., duty free. **FENUGREEK.**—A few bags at 135s. per cwt.

The Mustard Seed (Control and Maximum Prices) Order, 1942, which comes into force on November 23, prescribes maximum prices at which mustard seed may be sold to manufacturers. The prices on sale by a grower to a manufacturer are 70s. per cwt. for white, or for brown seed harvested in 1942; for the 1943 crop the price for brown will be raised to 90s. per cwt. The prices apply only to mustard seed sold for manufacturing purposes. Approved buyers, licensed mustard-seed merchants and licensed mustard manufacturers must keep accurate records of all their purchases of mustard seed. In certain instances records of sales of mustard seed must also be kept.

SENEGA.—Spot value of the few remaining bales would be 8s. per lb.

SENNA.—Good hand-picked Tinnevely pods can be bought at from 11d. to 1s. 2d. per lb.; ordinary grade would be 10d. to 11d.; and f.a.q., 6d. to 7½d. Hand-picked Alexandrian pods, from 3s. 6d. to 6s. per lb., according to quality. Leaves are priced as follows: Leaves: Tinnevely No. 1, 9d. to 10d. per lb.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.; Alexandrian, broken, 1s. 3d. to 1s. 4d. per lb.

SHELLAC.—Continues inactive, with prices unchanged. Standard TN orange, spot, 205s. per cwt., value; pure button, unquoted; fine orange, 240s. to 290s. quoted.

SQUILL.—Indian, spot, 75s. per cwt.; Portuguese, 85s.

STRAMONIUM LEAVES.—Indian leaves, in small compass on spot, 105s. per cwt.

STROPHANTHUS.—Only a small business passing; values unchanged. Kombé seed, 100 per cent., 10s. 9d. to 11s. per lb., according to quantity, 80 per cent. seed would be at a lower price.

TRAGACANTH.—Fair business has been done, and prices are firmer. Medium grades, mostly show slight advances, as follows: No. 1, white, £120; No. 2, white, £103; No. 3, white, £94; No. 4, white, £75; pale leaf, £70; amber leaf, £60; red-and-brown leaf, £36; red leaf, from £30; woody and hoggy, from £16, ex store.

TURMERIC.—Sound-quality Madras, spot, 67s. 6d. per cwt.; wormy, spot, 65s.

VALERIAN ROOT.—Indian root is rather dearer on spot at 110s. per cwt., ex store. Supplies are in small compass.

WAXES.—Quiet and unchanged. **BEES'.**—Supplies are obtainable, but only by application through members of the Association of Merchant Distributors of Beeswax. **CARNAUBA.**—Fatty grey, 480s. per cwt.; chalky grey, 465s.; Primeira, 560s.

Essential and Expressed Oils

ANISE (STAR).—Genuine Red Ship is still in demand and dealers continue to ask 53s. to 55s. per lb. Supplies are not easy to locate.

BAY.—Between 12s. and 13s. per lb. would be the price of small spot supplies, according to quantity.

BERGAMOT.—Business in any remaining supplies of genuine oil would be negotiated on the basis of 100s. per lb. Artificial substitutes are available from British manufacturers at lower prices.

BOIS DE ROSE.—About 42s. per lb. would represent the current spot price.

CAJUPUT.—Unchanged at from 15s. to 16s. per lb., according to quantity.

CAMPHOR (WHITE).—Available spot supplies seem to be confined to an odd drum or two at about 600s. per cwt.

CANANGA.—In restricted supply, with the spot price unchanged at from 60s. to 70s. per lb., according to quantity.

CASTOR.—Prices are controlled, as follows: Firsts, £60; seconds, £58 per ton, both naked ex works.

CEDARWOOD.—Spot, 6s. 6d. per lb., nominal.

CINNAMON LEAF.—Spot supplies are moderate; price would be in the region of 15s. to 15s. 6d. per lb.

CLOVE.—No change in English distillers' prices of about 14s. per lb.

COTTONSEED.—Controlled price remains at £49 per ton, naked ex works.

EUCALYPTUS.—Spot, 70 to 75 per cent., in restricted supply at about 5s. 6d. per lb.

GERANIUM.—About 80s. per lb. would be the basic price of any available supplies, but the precise figure would have to be negotiated.

GINGERGRASS.—Obtainable on spot at around 25s. per lb.

GROUNDNUT.—Official price is unchanged at from £48 to £54 per ton, naked ex works, according to grade.

PALMAROSA.—Spot supplies would be worth approximately 32s. 6d. per lb.

PENNYROYAL.—Good-quality oil would be worth approximately 35s. per lb. on spot.

PEPPERMINT.—Demand has continued good, and some spot business has been done in Chinese at 90s. per lb. It is doubtful if any further supplies would be forthcoming at under that figure.

PETITGRAIN.—Any available supplies of spot oil would fetch from 22s. 6d. to 24s. per lb.

ROSEMARY.—Spot, in the region of 16s. per lb.

SASSAFRAS.—Spot supplies are available at from 18s. to 19s. per lb., according to quantity.

SPIKE.—Spot, about 25s. per lb.

THYME.—No change has occurred in the spot price of high-grade at 25s. per lb., and other qualities are cheaper.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Recognising the Unregistered

SIR,—I think "Unqualified" (*C. & D.*, October 24, p. 436) is quite right in pointing out the danger of women in pharmacy with only three months' training. Why not give those men a chance who have twenty-five to thirty years' dispensing experience behind them? Why could they not receive a registration, perhaps in the same way as the dental profession did some years ago? I don't think it is asking the impossible, and to my mind it would be a much more satisfactory arrangement. "Unqualified" has stated a considered opinion on a topic worthy of the fullest discussion. I would like to have other views on the matter.

Yours faithfully,
DON R.

Socialist Medical Association

SIR,—We are glad that in your editorial article in the *C. & D.*, November 7, you have given certain information about the medical policy of the Socialist Medical Association as contained in the Socialist Programme for Health. Nevertheless, we must take exception to the unwarranted criticism of the Association's attitude towards pharmacists. The S.M.A. has demonstrated in no uncertain manner the importance which it attaches to the part of pharmacy in the health services. Not only has it established a separate Pharmaceutical Group, but it also intends publishing both a war-time and a post-war policy for pharmacy. Indeed, your issue of September 26 devoted considerable space to a draft memorandum of the former—now almost ready for publication—together with details of the meeting on September 23, at which this was discussed. At the meeting itself, and in a letter dated September 8 to the Trade Press, it was clearly stated that: "investigations were being pursued with a view to formulating a policy for a socialised pharmaceutical service, so as to link up with the Association's scheme for a general socialised health service." The above facts should make it clear that the S.M.A.'s vision lacks neither width nor detail.

Yours faithfully,
L. T. HILLIARD, M.A., M.B.,
Northwood. Treasurer, S.M.A.

MISCELLANEOUS INQUIRIES

Formula on Health Salts.—*J. W. H.*—It will be necessary for you to disclose the formula of the health salts as the product is a "substance recommended as a medicine." (see *C. & D. Year Book*, 1942, p. 244).

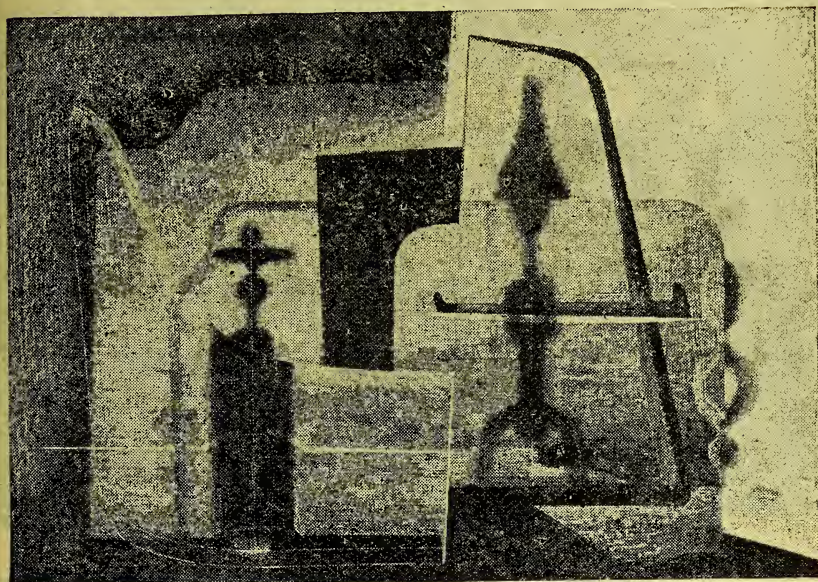
Paper Wrappers on Bottles.—*T. C. C.*—There is no restriction on the use of such wrappers, provided they do not carry any advertising literature and are intended to be a protection against damage to the label or the container. In other words, provided that their purpose is the same as that of a carton, paper wrappers can still be used.

Shampoo Powders.—*E. D. H.*—We have no information as to the ingredients of the proprietary articles you mention, nor can we undertake to give alleged formulas for proprietary products. The following are representative formulas of shampoo powders:—

- | | | | |
|-------------------------------|----|----|---------------|
| (1) Powdered soap | .. | .. | 9 parts |
| Borax | .. | .. | 1 part |
| Perfume | .. | .. | a sufficiency |
| (2) Sulphonated fatty alcohol | | | 40 parts |
| Boric acid | .. | .. | 20 parts |
| Borax | .. | .. | 20 parts |

Rose Hip Syrup.—*O. R.*—Wash and crack 4 lb. of red and firm rose hips and put in aluminium or enamelled pan. Quickly pour on sufficient boiling water to ensure that the temperature of the mixture is above 70° C. Bring to the boil. Simmer until tender. Mash well with a wooden spoon. Put into a jelly bag made of flannel and squeeze out as much juice as possible. Return pulp to the saucepan and add as much water as at first. Bring to the boil and simmer for 5–10 minutes. Put back into jelly bag and squeeze again. Empty bag and wash it thoroughly. Mix the two lots of juice and pour into the clean jelly bag. Allow to drip through overnight. A clear juice is now obtained free from the very sharp hairs that cover the seeds and inside of the fruit. These might cause irritation if not removed. Boil the juice down until it measures about 3 pints, then add 2½ lb. sugar. Stir until dissolved; boil for five minutes. Bottle while hot in perfectly clean, dry bottles and seal at once. Small screw capped bottles with rubber washers are suitable. A circle of rubber cut from an old hot water bottle or cycle inner tube, and boiled for ten minutes to sterilise, will do for a washer. The syrup should be stored in a dark cupboard. A saltspoonful (15 drops) should be sufficient for an infant each day.

ABSTRACT



4 The mysteries of Modern Art are exemplified by this "Abstract" by John Tunnard.

The mysteries of Modern Business in war-time often present problems which on first sight appear no less baffling.

Nevertheless, in spite of the maze of regulations, rationing, controls, etc., we are steadily pursuing our aim to treat our friends fairly and maintain our reputation for rendering good service to those who entrust their needs to our care.

HOWARDS & SONS LTD.

(Est. 1797)

ILFORD *nr.* LONDON

NEW YORK

MONTREAL

J. C. GILBERT LTD

COLUMBIA HOUSE

ALDWYCH

LONDON, W.C.2

Chemicals of every description

BUENOS AIRES

JOHANNESBURG

We solicit enquiries from Wholesale Consumers for:

CAPE ALOES	LIQUORICE
BALSAM PERU	ROOT
BALSAM TOLU	MENTHOL
BUCHU LEAVES	PODOPHYLLUM
CARDAMOMS	ROOT
CROTON OIL	QUILLAYA BARK
DIGITALIS LEAVES	RHUBARB
ERGOT OF RYE	SAPONINE
GALANGAL ROOT	SENEGA ROOT
GUM ARABIC	SENNA LEAVES
HENBANE LEAVES	SENNA PODS
IPECACUANHA	TURMERIC
JALAP	GROUND
KAMALA	VALERIAN ROOT

V. BERG & SONS*Established 1871***33 & 35 EASTCHEAP, LONDON, E.C.3****ESTRONE**

ESTRADIOL AND ITS ESTERS
PROGESTERONE CRYSTALS
CHORIONIC GONADOTROPIN
INSULIN
CACODYLATES

TUTEUR & CO., INC.

60 WALL STREET, NEW YORK, N.Y.

We Ship

ACONITE, ALESTONIA BARK, BELLADONNA
 LEAVES, BELLADONNA ROOT, BERBERIS,
 ASAFOETIDA, BRYONIA, CALUMBA ROOT,
 CHIRETTA (Indian Variety, B.P.), COLCHICUM
 CORMS, DANDELION, DATURA METEL
 LEAVES, DATURA STRAMONIUM LEAVES,
 EPHEDRA VULGARIS, GLYCYRRHIZAE, HY-
 OSCAMUS NIGER LEAVES, JUNIPER BERRIES,
 PODOPHYLLUM, RHUBARB RADIX, INDIAN
 SQUILLS, VALERIAN ROOT, RED PEPPER
 FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

MEHTA BROTHERS
LAWRENCE ROAD - AMRITSAR - INDIA



From Mysore to My Lady's Dressing Table

The exquisite creation of a famous parfumeur . . . the delicate fragrance of a costly soap. Trace their perfection to an Indian hill-slope. To a small evergreen tree in Mysore—the Mysore sandalwood whose oil is the heart of perfect perfume. Nowadays Mysore sandalwood oil is produced under Government supervision by the methods of modern science. Mysore sandalwood oil contains a guaranteed minimum of 90% pure Santalol.



Mysore

SANDALWOOD OIL

Agents for U.S.A.:
Messrs. W. J. Bush &
Co., Inc., 11 East 38th
Street, New York.

Agents for Canada:
Messrs. W. J. Bush & Co.
(Canada) Ltd.,
12 St. Helen Street, Montreal.

Agents for South and Central
America:
Messrs. W. J. Bush & Co. Ltd.
(London).

THE TRADE COMMISSIONER FOR MYSORE IN LONDON

Grand Buildings, Trafalgar Square, London, W.C.2
Telephone: WHitehall 8888

"Eagle" Brand Chemicals

B.P.
PRECIPITATED
SULPHUR

PHOTOGRAPHIC
H Y P O
AND
SULPHITE
—CRYSTALS and ANHYDROUS—

EPSOM SALTS
GLAUBER SALTS
ARSENATE OF LEAD

Enquiries Invited

JOHN RILEY & SONS, LTD.

Chemical Manufacturers

HAPTON near BURNLEY

Telegrams
"Rileys Hapton"

Telephone
Padiham 290/1

May we quote you for—

GLAUBER SALTS B.P.

Pea Crystal and Feathery

EPSOM SALTS B.P.

Needle Crystals, Medium, Exsiccated

All grades conform to the 1932 B.P. Standard

Special Crystals matched and any degree of exsiccation
to order.

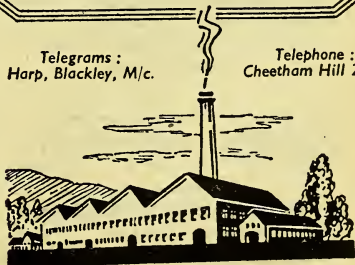
Packed for Home and Export.

HARRIS, HART & Co. Ltd.

MOSS HOUSE CHEMICAL WORKS, BLACKLEY,
MANCHESTER 9.

Telegrams:
Harp, Blackley, M/c.

Telephone:
Cheetham Hill 2853



FINE CHEMICALS

Inquiries invited for the following :—

SULPHANILAMIDE AND DERIVATIVES

SULPHAGUANIDINE

MONO SODIUM CITRATE

CALCIUM MANDELATE

MANDELIC ACID

AMPHETAMINE

AMPHETAMINE SULPHATE

PROCAINE HYDROCHLORIDE

PARA-TOLUIDINE

ALLYL ALCOHOL

PARA-AMINO BENZOIC ACID

Materials not in stock manufactured specially in our semi-scale plants



WATFORD CHEMICAL CO. LTD.

London Sales Office

50 South Audley Street, Grosvenor Square, W.1

Telephone: Grosvenor 1016-8

Midland Pharmacists

We do not handle Proprietaries or Sundries, but whilst the bulk of our output in

**GALENICALS
OINTMENTS
EMULSIONS, ETC.**

is promised to Public Health Departments and Hospitals in the Midlands—we can supply Fine Chemicals and Drugs in reasonable quantities.

o

BLACKWELL, HAYES & Co., Ltd.
ESTABLISHED 1875

Manufacturing Chemists

54-58 Moor Street, Birmingham, 4

Phone: CEN 1267

Gum Karaya White Powder, minimum lots 1 cwt., at 4s. per lb.; also **Essences, Essential Oils, Edible Colours and Flavours, Perfumery Compounds, "Economic,"** a substitute for Glycerine, sweetened and unsweetened. Please send inquiries for chemicals and other raw materials to

ECONOMIC UTILITIES LIMITED

Westcombe House

56/58 Whitcomb Street, W.C.2

ABBEY 3873/4

L. LIGHT & Co. Ltd.

**Old Bowry Laboratories
WRAYSURY, BUCKS**

* S-METHYL ISO-THIOUREA SULPHATE
THEOPHYLLINE ETHYLENEDIAMINE
STILBOESTROL DIPROPIONATE
ACETYL CHOLINE BROMIDE
NIKETHAMIDE CALCIFEROL
VITAMIN K BROMURAL

* "Lancet," 1942, p. 301.

PURE SYNTHETIC DRUGS

TO SOLVE YOUR PRESERVATIVE PROBLEM

NIPA — GIN — SOL — BENZYL — COMBIN

(REGD. TRADE MARK)

... the verified antiputrefactive, antifermentative agents and highly active antiseptics

NIPA 49 ... the powerful and harmless antioxidant

NIPA ESTERS are neutral, odourless and non-irritating

Free Advice will be given willingly on any problem concerning

Antiseptics, Preservation or Antioxidation on application either to—

NIPA LABORATORIES LTD., TREFOREST TRADING ESTATE, Near CARDIFF
or their Sole Distributors for the U.K. and British Possessions

P. SAMUELSON & CO 17 Greshchurch Lane, London, E.C.3. Telephone: Avenue. 5874-5

PILLS TABLETS CAPSULES

The
British
Made
Products
of

HOWARD LLOYD & CO LTD
LEICESTER

In *South Africa* and *Rhodesia*

The Leading Chemists are
LENNONS

They have been established in all centres of any importance for many years and offer modern facilities for manufacturing as well as Wholesale and Retail Distribution throughout the territory.

★ If you are seeking reputable representatives or desire information about the market write to:

LENNON LIMITED
12-14 LAFONE STREET
LONDON, S.E.1
TELEPHONE · HOP. 0181

STURGE CITRIC ACID

A biological product for use in the highest quality foods and drinks. Made under constant analytical control and guaranteed 100 % pure.

JOHN & E. STURGE LTD., 1 WHEELYS ROAD, BIRMINGHAM, 15

Manufacturers of fine chemicals since 1823

GENUINE HAARLEM OIL (DUTCH DROPS)

1 DOZEN LOTS
3/6 doz.

1 GROSS LOTS
36/- per gross
+ Purchase Tax



CAPSULES GENUINE HAARLEM OIL

BOXES CONTAINING
3 DOZ. LOTS

1 dozen boxes 8/5 doz.
1 gross boxes 96/- gross
+ Purchase Tax

ASHFIELD, HORTON ROAD, BRADFORD, YORKS

BURNSIDE'S EUCALYPTUS OILS

Distilled in Australia by the largest distillers and refiners of Eucalyptus Oils in the world—W. K. BURNSIDE, PTY., LTD., MELBOURNE, AUSTRALIA.

80/85% B.P.
Oil Euc. Dives 40/45%
Oil Euc. Citriodora

70/75% B.P.
Piperitone 90/95%
Oil Euc. Phellandra

Phellandrene

UNIFORMITY OF QUALITY CONSISTENCY OF ODOUR

Agents for U.K.: WILSON & MANSFIELD LTD. 15 Philpot Lane, London, E.C.3

Phone: MANSION HOUSE 9264-5-6

(WHOLESALE ONLY)

Grams: WYFIELD, LONDON



The splendid medical backing that has been accorded to the 'Benzedrine' inhaler for well over ten years is reflected in its ever-increasing sales. The vapour, by diffusing throughout the entire nasal cavity, rapidly relieves congestion wherever it exists, and promotes easy, natural breathing. Its timely use cuts short incipient colds and prevents the onset of serious complications. Children welcome this simple form of treatment. Small wonder physicians so frequently recommend 'Benzedrine' Inhaler for head colds, nasal catarrh, sinusitis, and hay fever!

'BENZEDRINE' INHALER

Retail price, 2/-, inclusive of Purchase Tax

MENLEY & JAMES LTD., 123, COLDHARBOUR LANE, LONDON, S.E.5

Fine Chemicals

Purine Derivatives

Uric Acid, Allantoin
Alloxan, Alloxantin
Urethane

Allyl Derivatives

Allylamine, Allyl Thiourea
Allyl Isothiocyanate

Urea Derivatives

Phenyl Urea, Selenourea
p-Phenetyl Carbamide
Phenyl Semicarbazide

Organic Sulphur Compounds

Thiophosgene
Thiocarbonyl Tetrachloride
S-Benzyl Thiuronium Chloride
2-Methyl- β -Naphthathiazole

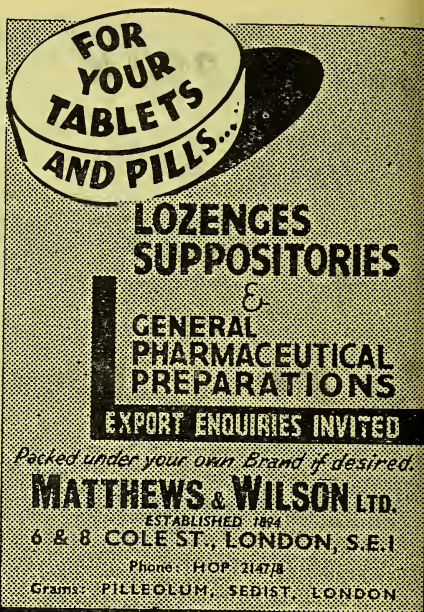
also

Sodium Cyanate (Pure & Practical)
Hydrazine Sulphate
s-Trinitrobenzene (Indicator)
Dithranol 1 : 8
Dihydroxyanthranol 1 : 2
Salts of Rubidium
Nicotinic Acid
Phloroglucinol

*Produced under strict scientific control
and conforming to the highest standards.*

Data and Prices on request.

Genatosan Ltd
LOUGHBOROUGH, LEICS.



**FOR
YOUR
TABLETS
AND PILLS...**

**LOZENGES
SUPPOSITORIES
&
GENERAL
PHARMACEUTICAL
PREPARATIONS**

EXPORT ENQUIRIES INVITED

Packed under your own Brand if desired.



MATTHEWS & WILSON LTD.
ESTABLISHED 1864
6 & 8 COLE ST., LONDON, S.E.1
Phone: HOP 2147/8
Grams: PILLEOLUM, SEDIST, LONDON

NATIONAL WAR FORMULARY

An Announcement of Importance to Wholesale
Druggists and Manufacturing Chemists

PATTINSON'S Regd. Brand

MAGNESIUM TRISILICATE B.P.

 This high-grade product conforms to the requirements of the recent Addendum  to the British Pharmacopoeia. Write for special bulletin and sample.

Sole Manufacturers:

WASHINGTON CHEMICAL COMPANY LTD.
WASHINGTON STATION, Co. Durham, England

British Made AMPOULE FILES are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION
LTD.

"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

*It will pay you to Stock & Display
these Profitable Selling Lines*

NOW NATIONALLY ADVERTISED

KAMILLOSAN

The new activated, chemically-stable extract of Camomile for burns, bruises, skin eruptions, etc., and the maintenance of personal hygiene. Attractively packed and displayed and backed by powerful National Advertising, this line has now become an established best seller all over the country.

Retail Prices 2/10 & 4/9 per bottle, 1/8 per tube
(Inc. Tax).

Usual Trade Terms



TONERGETICUM

The tonic and digestive *plus*, compounded from the salts of manganese, copper and iron and including phosphorus, to soothe nerves, stimulate appetite and strengthen digestion. Children, old folk and invalids may take this re-invigorating and strengthening tonic with confidence. There is a growing demand for Tonergeticum—be ready to meet it.

Retail Prices 3/5 & 5/1 per bottle (Inc. Tax).

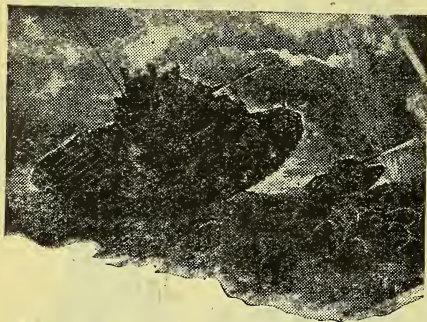
Usual Trade Terms



Both these lines are selling well throughout the country. If you have not already done so, stock up with it right away. Attractive show material is available. Cash in on the growing demand for Kamillosan and Tonergeticum—today.

Sole Manufacturers: CAMDEN CHEMICAL CO., LTD., NORTHINGTON HOUSE
NORTHINGTON ST., LONDON, E.C.1. Tel HOLborn 7524 & 1318

BRITISH Homburg PHARMACEUTICAL PREPARATIONS



Armoured . . .



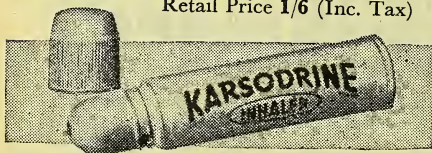
The Battalions of to-day fight behind defensive armour. The armoured car has replaced the cavalry horse and infantry advance under the protection of massed tank formations.

Medical research, too, has provided defensive armour for the medical profession. The prevention of disease by protective measures against the invisible but numberless and ubiquitous foe—the disease germs—is

increasingly lowering the general morbidity and mortality.

Decongestion of the turgid nasal mucosa in acute and chronic rhinitis, hay-fever, and sinusitis is rapidly effected by use of the Karsodrine Inhaler. Maximal shrinkage with corresponding symptomatic relief is obtained within five minutes. The powerful volatile vaso-constrictor in the Inhaler penetrates to the uttermost recesses of the nasal cavity and sinuses, securing optimal drainage and aeration. With only one cap to remove, the Karsodrine Inhaler is pre-eminently simple to use.

Retail Price 1/6 (Inc. Tax)



FORMULA: Amphetamine, 0.330 grm.; Cineole, 0.093 grm.; Ol. Citronell, 0.026 grm.; Methyl Salicyl, 0.023 grm.; Ol. Cedri, 0.005 grm.; Menthol, 0.049 grm.; Ol. Eucalypt, 0.089 grm.

Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax) which yields 3/2½d. per dozen profit. This applies equally to small quantities if ordered with other "Griffiths Hughes" products.

E. GRIFFITHS HUGHES
LIMITED

A PRODUCT OF **E & G LABORATORIES**



ADELPHI, SALFORD 3
MANCHESTER

50 Years' Test—

has proved the value



of



GET YOUR CUSTOMER TO TRY IT!

Retail price (including tax) 1/8
(Wholesale terms 12/- doz. Tax 2/- doz.)

LOTHOUSE & SALTNER, LIMITED, HULL



... IS THE WORLD'S FINEST
MILK FOOD

You can recommend it with every confidence for Infants and Invalids. It is a Prideaux product, and shows a good profit

Ask for details and Special Terms

PRIDEAUX'S PURE CASEIN Co. Ltd.

MOTCOMBE DORSET London Office - 6 Southwark St.

AN ANNOUNCEMENT CONCERNING

PEROX-CHLOR
OF IMPORTANCE TO CHEMISTS

Keene's Laboratories, Limited, have entirely given up possession of the damaged premises at 287 Gray's Inn Road, London, W.C.1, and all communications should be addressed to the factory, 46/52 Elswick Road, Newcastle-on-Tyne 4. Telephone: Newcastle 34006.

The Purchase Tax on Perox-Chlor has now been reduced to 33½%, and the new retail selling prices are 1/7, 3/10, and 6/4.

**WHEN A WOMAN
'WANTS
TO
KNOW'**



Most men certainly, and many women, agree that Woman is inquisitive by nature. This fact, coupled with the eternal feminine privilege, often results in many "awkward customers" for the harassed retailer to deal with. But then, this inquisitiveness is, very often, just that difference between "clever housewife" and "housewife."

★
Then again, the average woman is a keen judge of values . . . her idea of a bargain is not always based on price alone. When you are able to offer an obviously sound product at a competitive price, the female mind is quick to recognise its advantages.

★
And this is where **McCLURE, YOUNG & CO., LTD.**, step in. Even during these troubled times our famous packed goods still hold first place as a sound "buy" for retailer and public alike. Whether it be Drugs or Medicines, our lines give the retailer a price and quality advantage that have made them known as "goods that never come back, for selling to customers who do."



OF COURSE !

McCLURE, YOUNG & CO. LTD.

MANUFACTURING CHEMISTS
**159 BOLLO BRIDGE RD.
LONDON, W.3**

Phones: ACORN 0350/1517/2634



"OXOID"

The word "OXOID" is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATIONS

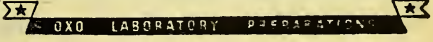
**"PITOXYLIN"
PITUITARY EXTRACT
(POSTERIOR LOBE)**

Prepared and standardised in accordance with the provisions of the Therapeutic Substances Act. Used for the Induction of Labour; Uterine Inertia; Post Partum Hæmorrhage; Surgical Shock; Diabetes Insipidus.

An approved and long established preparation.

Ampoules : 5, 10 and 20 International Units per c.c.

OXO LIMITED, Thames House, London. E.C.4



A real War-time Saver

Parmint has an added value these days, when economy is the watchword; economy in materials as well as in money.

Never let your customers forget that a one-ounce bottle of Parmint (Double Strength) makes half a pint of excellent cough syrup.

PARMINT

C.F. and P.A.T.A.

Order through your Wholesaler or direct from

INTERNATIONAL LABORATORIES LTD.
CHARLBURY Charlbury 29 OXFORD

MILLAMALT *The* VITAMIN MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D
Sole Manufacturers:
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN, London Dept. 19 Brookside Road N.19

D.C.L.
VITAMIN B₁
YEAST
TABLETS

A powerful natural tonic and nutrient—Each tablet contains 90 I.U. (approx.) of Vitamin B₁.

100 TABLETS 3/9d.
50 TABLETS 2/3d.
25 TABLETS 1/6d.

PLUS PURCHASE TAX
THE DISTILLERS CO. LTD.,
EDINBURGH.

Good! it's

The
CHEMISTS'
FAVOURITE
for over
75 YEARS

MASON'S

EXTRACT OF HERBS

A 9d. bottle makes 6 gallons of delicious sparkling Mason's Herb Beer. **GOOD PROFITS—QUICK SALES**

Write for Trade Terms
NEWBALL & MASON LTD., NOTTINGHAM. Est. 1859

JACKSON'S FEBRIFUGE

1/3, 3/-, 5/- INCLUDING PURCHASE TAX

ORDER FROM YOUR USUAL WHOLESALER.

GEO. JACKSON & SONS, LTD.
HARPURHEY - MANCHESTER

NEW! EFFECTIVE! ATTRACTIVE!

HARROGATE

DOUBLE STRENGTH

HEALTH SALTS



HARROGATE HEALTH SALTS
makes its appearance as the first concentrated Health Salt of the War.

Packed in heat-sealed cellophane bags, of great display value, containing no sugar whatsoever and no extraneous bulk, yet sweetened and pleasantly lemon-flavoured, this is the first answer to Wartime stringency on a product for which the Public are clamouring. Supplies are not unlimited and orders will be dealt with in strict rotation. Popular price is 9d. subject to usual discounts.



The goods are offered subject to being unsold, and as usual first orders will obtain priority delivery. Please quote your Wholesaler's name.

Sole Selling Agents:
KORAY, LTD.
BLACKPOOL

HARROGATE TABLET CO. LTD. HARROGATE, BLACKPOOL & LONDON



Member of the
Chemists Friend
Association

Announcement

"ZEMS"



Member of the
Chemists Friend
Association

HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLET FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

We have now joined Chemists Friend Association

SUPPLIES MAY BE OBTAINED FROM C.F. WHOLESALE HOUSES

ZEMS, LTD., 718-724 SEVEN SISTERS ROAD, LONDON, N.15

75% OF YOUR CUSTOMERS

NEED

SAMONA

The well known Restorative

This wonderful Medical Restorative BRINGS IMMEDIATE RELIEF IN ALL CASES OF NERVE STRAIN, DEPRESSION, TIRED AND LISTLESS APPEARANCE, MENTAL and PHYSICAL EXHAUSTION

SAMONA LTD., Northington House, Northington Street, LONDON, W.C.1



PRICES (including purchase tax)

3/5 & 5/7½ (more than double quantity)



STANNING PROPRIETARIES

offer you

EXCEPTIONAL SERVICE AND
TERMS

for all

**SURGICAL DRESSINGS
CHEMISTS' SUNDRIES
PACKED
PHARMACEUTICALS**

*Special attention
to post orders*

We invite enquiries for any lines you may have difficulty in obtaining

Lowest prices
Exceptional Deliveries

Please note new address:

STANNING PROPRIETARIES
27 OXFORD STREET, HARROGATE, YORKS. (P.O. Box 9)

Telegrams: STANNING, HARROGATE

BIOLOGICAL PREPARATIONS

THE QUALITY OF ALL MBL PRODUCTS IS ABSOLUTELY IDENTICAL WITH THAT OF PRE-WAR PREPARATION because of our heavy purchases immediately before war broke out. Our stocks are still considerable and the high MBL standard will be fully maintained. THERE IS NO SHORTAGE OF ANY OF OUR PREPARATIONS

	Retail Price	CHEMISTS' PRICE					
		Per unit			Per dozen		
		(Inclusive of Tax)	Net	+ Purchase Tax	Net	+ Purchase Tax	
ANTIPEOL							
ointment	4 oz. tube	6/8½	4/2½	+ 8½	50/5	+ 8/5	
	40 gr. "	3/4½	2/1½	+ 4½	25/3	+ 4/3	
	20 gr. "	1/10½	1/2	+ 2½	14/-	+ 2/4	
LIQUID	40 c.c. bottle	3/4½	2/1½	+ 4½	25/3	+ 4/3	
OPHTHALMO-ANTIPEOL							
	20 gr. Nozzled tube	3/4½	2/1½	+ 4½	25/3	+ 4/3	
RHINO-ANTIPEOL							
	20 gr. Nozzled tube	2/9½	1/9	+ 3½	21/-	+ 3/6	
ENTEROFAGOS (ORAL AND INJECTABLE)							
Box of 50 ampoules	19/-	13/3½	None	159/7	None		
" 10 "	4/3	3/-	None	35/8	None		
" 5 "	2/6	1/9	None	21/-	None		
DETENSYL							
Tin of 500 tablets	39/-	24/-	+ 4/-	288/-	+ 48/-		
Tube of 50 "	4/5½	2/8½	+ 5½	32/4	+ 5/5		
ST. JAMES' BALM							
Tin of approx. 2½ ozs.	2/10	1/11	+ 4	22/6	+ 3/9		
" " 1 oz.	1/5	11	+ 2	11/3	+ 1/11		
Tube	1/2	9	+ 2	9/-	+ 1/6		

Carriage paid on all orders of 1 dozen or £1 and over.
Terms: NETT, monthly account.

MEDICO-BIOLOGICAL LABORATORIES LTD., LONDON, S.E.25

TELEGRAMS

'ACIDOLAN, BILGATE,
LONDON'

TELEPHONE

MANsion House 6005
(FOUR LINES)

CHAS. ZIMMERMANN & CO. LTD.

CHEMICALS

PHARMACEUTICAL—TECHNICAL—PHOTOGRAPHIC

DISTILLERS & IMPORTERS OF
BEST QUALITY

ESSENTIAL OILS

NATURAL & SYNTHETIC

WHOLESALE & EXPORT ONLY

9 & 10 ST. MARY-AT-HILL
LONDON, E.C.3



The CHEMIST AND DRUGGIST SUPPLEMENT

NOVEMBER 21
1942

This Supplement is In-
serted in every copy of
the Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

Advertisements in this supplement must be prepaid and should reach us not later than **WEDNESDAY** week of issue. Box Office numbers cost 1/-. Late advertisements will be held over to following week

PRICE TO CHEMISTS AND MANUFACTURERS RAW MATERIALS AVAILABLE

For the manufacture of high-class quality cosmetics
and powders

Perfume Compounds • Stearic Acid • Lanolin
Sulphonated Fatty Alcohols • Beeswax • Paraffin
• Glycerine Substitute • Talcum Powder, ETC.

Best quality products from 1 lb. up. Our sales-
men can call with samples. All enquiries
welcomed

Henry Beauty Products Ltd.
Enmar Gardens, London, N.W.10

Tel: LADbroke 0202

BATH SALTS

Raw Materials available, including Labels
and Jars. Send for particulars.

LENNARD LEE-NARVILL & CO.
140 COLTMAN STREET, HULL

SECONDHAND PLANT AND MACHINERY of
every description. The most comprehensive
stocks in the country held at London and Leeds.
Catalogues are not being printed owing to paper
economy. Send enquiries to:—

GEORGE COHEN, SONS & CO., LTD.
Wood Lane, London, W.12, & Stanningley, Nr. Leeds

McWADE'S PEROXIDE TOOTHPASTE

Prevents decay · Refreshing
and Cleansing · Antiseptic
Germicide

Priced 1/6

42/- gross (plus 14/- tax)

Carriage paid

HARMAN DIETETIC LABORATORIES LTD.
109 Cricklewood Broadway, N.W.2
GLAdstone 1084

ROUGE BLOCKS Easily Prepared, guaran-
teed results. Mould 12 x 1½ in., Formula,
sufficient Colour and Excipient for 16 doz.,
£2. 32 doz., £2 11s.

LIPSTICK COLOURS. All shades from 8/-
½ lb.

LIPSTICK CARTONS. Attractive Silver
Finish. 9d. doz., 7/6 a gross; 5 gross lots, 35/-.
Sample 4d. post paid.

CREIGHTON (AGENCIES) CO.
1a Queens Parade, Muswell Hill
LONDON, N.10

OPTICAL TUITION

FOR THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars:—

C. A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O.,
F.I.O., F.C.O., M.P.S.
50 HIGH STREET, BARNET, LONDON, N.

MARLENE PRODUCTS

*have pleasure in announcing
that they can now supply*

MASCARA

IN NEAT BOX WITH BRUSH COMPARTMENT

(Black only—no brushes available)
14/6 doz., plus 66½ Purchase Tax

TALCUM POWDER

in cartons, 2 sizes, 12/- & 14/6 a doz.
plus 66½ Purchase Tax

ALL GOODS LABELLED AND SUPPLIED BY
REGISTERED MANUFACTURERS

Cash with order. C.O.D. or pro forma

MARLENE PRODUCTS

18 WALTHAM AVENUE
KINGSBURY, N.W.9

MISCELLANEOUS OPPORTUNITIES

OFFERED

Best French Chalk; Best White Talc; Zinc Oxide, B.P.; Finest Plaster of Paris; Creta Praecip. and Prep.; Kaolin, B.P. Opt.; Pumice Stone Powder substitute; White Oils; Gum Tragac and Karaya, finest white powders; Waxes—Cera Alb. and white Emulsifiable substitute; Ceresine White, Spermaceti; Paraffin; Yellow Soft Paraffin; Freeration Cleanser (washing clothes without soap); Soap Flakes; Green Soft Soap (Hairdressers). White Block Stearic and Powder; Raw Materials; Special Quantity Prices; Your Wants Solicited. **HENSHAW, M.P.S.**, 261 Lyndon Road, Sheldon, Birmingham, 26.

OINTMENTS

1 oz. Decorated Tins. Boracic, Zinc, and Sulphur, 24/- per gross. Purchase Tax, 5/- per gross. Carriage paid on 3 gross lots upwards for cash with order. Order whilst stocks available. **C. A. STOKES & CO., LIMITED**, Wholesale Manufacturing Chemists, BRISTOL, 1.

"AMBRESIL," the New Oil-in-Water Wax Emulsifying Agent No. 4. 9/- per lb. A First-class Product. Send for technical details. Gum Karaya (Indian Trag.), 10/6 per lb.

ARISTOL PRODUCTS, 398 Beverley Road, HULL
Grams: Aristol, Hull 7285. Phone: 7285

BRUSHLESS SHAVING CREAM

Supplied in 12 lb. Containers only at the following prices, including tax: 1 Container, 48/-; 2 Containers, 88/-; 4 Containers, £8. All Carr. Paid. C. W. O. Sample Jar, 6d. stamps.

F. RAWSTRON, M.P.S.
315-317 Burnley Road, Waterfoot, Lancs.

FACE POWDER supplied in bulk; excellent quality, registered manufacturer. Five popular shades. Packed in 10-lb. tins at 5/- per lb., plus purchase tax 66½ per cent. Also branded lines boxed, cost 18/- per doz., to retail at 3/6 inclusive of purchase tax. Cash with order. **M. Clements**, 57/8 Well Street, Oxford Street, London, W.1.

HIGHLY CONCENTRATED LAUNDRY STARCH SUBSTITUTE

Each packet sufficient to make 3 pints of thick starch substitute liquid, enough for 4 average laundry days.

Contains no harmful ingredients.

Is 4 times more concentrated than ordinary starch.

Easily Prepared.

Price 8/6 per dozen packets.

Carriage paid on six dozen upwards.

Terms: Nett Cash with Order.

SIR JOHN PRATT & CO.
89 Forset Court, Edgware Road
London, W.2

SIR JOHN PRATT & COMPANY

We have been fortunate in securing approximately 20,000 ounces of FRENCH PERFUMED SPIRIT in "Pompeia," and "Reve d'Or," manufactured by Parfumerie L. T. Piver, Paris. Ex th S.S. "St. Loubert Bie."

We can offer four sizes—

- | | |
|----------|-------------------|
| (a) 29/- | per dozen bottles |
| (b) 42/- | " " " |
| (c) 54/- | " " " |
| (d) 90/- | " " " |

Plus 66½ Purchase Tax.

Terms: Nett Cash with order.

All orders in strict rotation from

SIR JOHN PRATT & CO.

89 Forset Court, Edgware Road, W.2

2-oz. GLASS JARS, metal tops, in cases of 20 doz., 32/6 per gross. Minimum 4 gr. (three cases). Carriage paid, C.W.O. Inquiries for terms for large quantities invited.

D. LEWIS

Gordon Chambers, Bond Street, Leeds, 1

GLASS BOTTLES, JARS, FANCY BOXES FACE POWDER BOXES, PLAIN BOXES

Prompt attention will be given to your inquiries.

Write "Bottle Merchants," 418/370, London Office of this Paper.

Technical Oil, pale straw, very slight odour. 40-45 gal. drums. 8/- gal. Free drums. **White Wax**, B.P. 5/6 lb. 7-lb. lots. **Sprinkler Neck Bottles**, 2-dr. Bakelite caps. 42/- gross. **Sodii Sesquicarb.** Feathery Crystals, 35/- cwt. **Sodii Carb.** Pea Crystals. 30/- cwt. **WILLSON'S**, 102 Carr House Road, Doncaster.

BOTTLES FOR SALE. Medicine, 1 oz. to 8 oz., screw and cork caps, from 15/-; 24/- per gross; 1 oz. to 6 oz. complete with screw caps from 18/- 36/- per gross; and a quantity of metal screws.

Axa & Co. (London) Ltd., 209 Brunswick Buildings Gorton Street, London, E.1.

CHEMICALS & RAW MATERIALS for all Industries

In stock (at present)

EUCALYPTUS OIL
and other essential Oils

A. REVAI & CO. LTD.
7-8 IDOL LANE, LONDON, E.C.3
MANSION HOUSE 6877 (4 lines)

SITUATIONS WANTED

for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

SISTANT. Competent Dispenser-Salesman. Single, elderly, accustomed to manage; un-ified. Statim, Chester House, Vicarage Gardens, ald Road, Scunthorpe.
Y. Hall qualification, Counter experience, requires progressive post West End or North-London. 418/364, London Office of this Paper.
ALIFIED Experienced Chemist (male, Irish, 33). Not liable. Requires post. Good Counter-ner. Reliable Dispenser. Staffordshire preferred not essential. The advertiser will be available New Year, and seeks a congenial post where peration will be appreciated. 418/371, London ce of this Paper.

WHOLESALE

VERTISING Manager. Fifteen years' first-class advertising experience. Accustomed home and reases marketing famous National proprietaries. phases National publicity—campaign planning, ating, production, press and poster, trade and e medical. Specially interested developing new ducts along proved successful lines. Not liable itary service. 418/374, London Office of this per.
IRST-CLASS Representative, 44, covering South West England and South Wales, 7 years, desires itional proprietaries on commission basis. B/1144, London Office of this Paper.
ANUFACTURING COSMETIC CHEMIST with long experience in making well-known first-ss Cosmetic Preparations seeks position. 418/383, ndon Office of this Paper.
ABLET-MAKER, 30 years' experience. All Branches. Thoroughly conversant with every e of machinery. Take charge if required. Strong, ble. London and district preferred. 418/380, ndon Office of this Paper.
O Progressive Independent Companies. Advertis- ing executive, ten years' experience home and erseas marketing most successful proprietaries e day, would be interested position sales side ependent company, where new or existing pro- ducts can be developed post-war along proved ecessful lines. Not liable military service. 418/375, ndon Office of this Paper.
OUNG Lady, exempt national service, requires -Typing at home. Five years' secretarial perience. Own typewriter. 418/386, London ice of this Paper.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

NATTY Alcohol scouring medium required by manufacturer of fine woollens. Please send details of quantities available, etc., to Box KW/CD, Scientific Publicity Ltd., Cliffords Inn, London, E.C.4.
ENUINE Talc. Advertiser requires minimum 100 x 80 lb. bags. Carriage paid. Would enter-ain reliable substitute. Must be very smooth. Terms and sample to "Chemist," 34 Brecon Road, Pontar-awe, nr. Swansea.
MANUFACTURERS wish to purchase quotas of Class 16 goods. Particulars and terms to 18/356, London Office of this Paper.
OWDER-MIXING Rotating Drum, on Stand, required, hand-operated, not too large. Partic-ulars to Gilley's Laboratories, Ltd., 5 New Quebec Street, W.1.
REQUIRED in large or small quantities one and two drachm bottles suitable for perfume; also cardboard boxes (large and small) suitable for packing. 418/358, London Office of this Paper.

URGENTLY wanted. A number of Power or Hand Filling Machines in good condition. Work- ing to accurate weights of 10 oz. to 1½ lb. for filling Liquid Metal Polish and Grate Polish. Give full details of type, make, condition and price. A machine that could be converted for the above purposes will be considered. V. B., 418/373, London Office of this Paper.

WANTED by England's largest photographic dealers. All Miniature Cameras, extra lenses and accessories. Rolleiflex, Leica, Contax, Ikontas, etc.; also Microscopes and Cine Projectors. Highest prices guaranteed. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

WANTED. Full and Half Strength Saccharin Tablets. Large quantities bought for cash or commission paid for genuine recommendations. G. H. Smith, 34 Greenfield Gardens, Cricklewood Lane, London, N.W.2. 'Phone No.: Gladstone 4116.

WANTED. Modern Personal Weighing Machine, in good condition. B. Salter & Son, 34 Castle Street, Shrewsbury.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

GUM acacia 14 lb. at 2s. 9d. per lb.; 28 lb. at 2s. 6d. per lb. Carriage paid. Sample with pleasure from Cumming Parsons, Ltd., St. Mary Street Dis- tillery, Collyhurst, Manchester, 9.
OLEIC Acid. About 40 gallons for Sale, in Bottles of ½ and 1½ pints. Write Manager, 52 Sea View Road, Colwyn Bay.
30 CWT. Brown Talc—Kaolin-like substance, suitable for blending in cosmetic or leg stain. R. F. Reed, Ltd., Hertford Road, Barking.

APPOINTMENTS

THE GUILD OF PUBLIC PHARMACISTS requests Pharmacists not to apply for posts at a salary below that recommended by them. The amended scale has a cost of living bonus of £25 per annum added to all basic salaries.

ESSEX COUNTY HOSPITAL COLCHESTER

Applications are invited for the following posts:

(i) Chief Dispenser, male or female. Hall qualification. Experience in Hospital Dis- pensing essential. Commencing salary £200 p.a. with lunch and tea. Superannuation Scheme in force.

(ii) Assistant Dispenser, male or female, Hall qualification, salary £3 3s. per week, with lunch and tea. Superannuation Scheme in force.

Applications and testimonials to be sent at once to the House Governor and Secretary.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

AGENCY wanted. Keen man discharged Army has sound personal connexion wholesale and retail, Yorkshire and Northern England. Inman, 19 Falkland Rise, Leeds, 7.
PROPRIETARY AGENCY CO. is prepared to accept two or three more products for full distribution to Chemist Trade. 418/379, London Office of this Paper.
WELL-KNOWN Distributing Agents are prepared to handle one Proprietary product. 418/378, London Office of this Paper.

MISCELLANEOUS OPPORTUNITIES

OFFERED

Best French Chalk; Best White Talc; Zinc Oxide, B.P.; Finest Plaster of Paris; Creta Praecip. and Prep.; Kaolin, B.P. Opt.; Pumice Stone Powder substitute; White Oils; Gum Tragac and Karaya, finest white powders; Waxes—Cera Alb. and white Emulsifiable substitute; Ceresine White, Spermaceti; Paraffin; Yellow Soft Paraffin; Freeration Cleanser (washing clothes without soap); Soap Flakes: Green Soft Soap (Hairdressers); White Block Stearic Acid and Powder; Raw Materials; Special Quantity Prices; Your Wants Solicited. **HENSHAW, M.P.S.**, 261 Lyndon Road, Sheldon, Birmingham, 26.

OINTMENTS

1 oz. Decorated Tins. Boracic, Zinc, and Sulphur, 24/- per gross. Purchase Tax, 5/- per gross. Carriage paid on 3 gross lots upwards for cash with order. Order whilst stocks available. **C. A. STOKES & CO., LIMITED**, Wholesale Manufacturing Chemists, **BRISTOL, 1.**

"**AMBRESIL**," the New Oil-in-Water Wax Emulsifying Agent No. 4. 9/- per lb. A First-class Product. Send for technical details. Gum Karaya (Indian Trag.), 10/6 per lb.

ARISTOL PRODUCTS, 398 Beverley Road, **HULL**
Grams: Aristol, Hull 7285. Phone: 7285

BRUSHLESS SHAVING CREAM

Supplied in 12 lb. Containers only at the following prices, including tax: 1 Container, 48/-; 2 Containers, 88/-; 4 Containers, £8. All Carr. Paid. C. W. O. Sample Jar, 6d. stamps.

F. RAWSTRON, M.P.S.
315-317 Burnley Road, Waterfoot, **Lancs.**

FACE POWDER supplied in bulk; excellent quality, registered manufacturer. Five popular shades. Packed in 10-lb. tins at 5/- per lb., plus purchase tax 6½ per cent. Also branded lines boxed, cost 18/- per doz., to retail at 3/6 inclusive of purchase tax. Cash with order. **M. Clements**, 57/8 Well Street, Oxford Street, London, W.1.

HIGHLY CONCENTRATED LAUNDRY STARCH SUBSTITUTE

Each packet sufficient to make 3 pints of thick starch substitute liquid, enough for 4 average laundry days.

Contains no harmful ingredients.

Is 4 times more concentrated than ordinary starch.

Easily Prepared.

Price 8/6 per dozen packets.

Carriage paid on six dozen upwards.

Terms: Nett Cash with Order.

SIR JOHN PRATT & CO.
89 Forset Court, Edgware Road
London, W.2

SIR JOHN PRATT & COMPANY

We have been fortunate in securing approximately 20,000 ounces of **FRENCH PERFUMED SPIRIT** in "Pompeia" and "Reve d'Or," manufactured by Parfumerie L. T. Piver, Paris. Ex the S.S. "St. Loubert Bie"

We can offer four sizes—

- | | |
|----------|-------------------|
| (a) 29/- | per dozen bottles |
| (b) 42/- | " " " " |
| (c) 54/- | " " " " |
| (d) 90/- | " " " " |

Plus 6½ Purchase Tax.

Terms: Nett Cash with order.

All orders in strict rotation from

SIR JOHN PRATT & CO.
89 Forset Court, Edgware Road, W.2

2-oz. **GLASS JARS**, metal tops, in cases of 20 doz., 32/6 per gross. Minimum 4 gr. (three cases). Carriage paid, C.W.O. Inquiries for terms for large quantities invited.

D. LEWIS

Gordon Chambers, Bond Street, Leeds, 1

GLASS BOTTLES, JARS, FANCY BOXES FACE POWDER BOXES, PLAIN BOXES

Prompt attention will be given to your inquiries.

Write "Bottle Merchants," 418/370, London Office of this Paper.

Technical Oil, pale straw, very slight odour. 40-45 gal. drums. 8/- gal. Free drums. **White Wax**, B.P. 5/6 lb. 7-lb. lots. **Sprinkler Neck Bottles**, 2-dr. Bakelite caps. 42/- gross. **Sodium Sesquicarb.** Feathery Crystals, 35/- cwt. **Sodium Carb.** Pea Crystals. 30/- cwt. **WILLSON'S**, 102 Carr House Road, Doncaster.

BOTTLES FOR SALE. Medicine, 1 oz. to 8 oz., screw and cork caps, from 15/-; 24/- per gross; 1 oz. to 6 oz. complete with screw caps from 18/- 36/- per gross; and a quantity of metal screws.

Axa & Co. (London) Ltd., 209 Brunswick Buildings Gornalston Street, London, E.1.

CHEMICALS & RAW MATERIALS for all Industries

In stock (at present)

EUCALYPTUS OIL
and other essential Oils

A. REVAI & CO. LTD.
7-8 IDOL LANE, LONDON, E.C.3
MANSION HOUSE 6877 (4 lines)

We have available Lip-stick Containers—11 m.m., in strong cardboard, cellulosed red and black. Special prices for large quantities. These containers are not subject to purchase tax. Send 6d. for sample. **Ashley & Weeks, Ltd., 165 Mit-cham Road, S.W. 17. Streatham 2196-5355.**

SALVAGE

8 x 14 lb. parcels **Acid STEARIC** at 2/6 per lb. makes good white cream.

BAKER

29 Overlea Road - London, E.5

STEARIC ACID, White, Hard 7 lbs. for 15/-
28 lbs. for 57/-
SPERMACEI - - - 7 lbs. for 21/-
28 lbs. for 80/-
Cash with Order; Subject Unsold; Carriage Paid.

KAPUTINE LTD.

Richmond Mill, Hollinwood, OLDHAM

We have stock of the following sizes of "Vitfer" toughened Glass Dispensing Measures, 1 oz., 10 oz., 8 oz., and 16 oz., also a few unstamped other sizes, at pre-war prices.

VITFER, LTD., 24 Stoney Street, Nottingham

SHOP FITTING

MYERS OF OLD ST. THE PHARMACY FITTERS

ALL PHARMACY FITTINGS. New and Secondhand

From the single unit—to the complete Pharmacy

Write, Phone or call

L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 6381

LIMITED COMPANY REGISTRATION

For over 30 years I have recommended you to trade for safety reasons as a Private Limited Company (yourself and wife). This advice is doubly true today, in war conditions. Free Advice and Quotation. Cost from fourteen guineas, including stamp duties, seal, books, etc. **A. BERNARD SLACK, 721 Princess Road, Manchester, 20.**

STOCKTAKING

STOCKTAKING? Pharmacist and wife (late doctor's secretary) will extend and price your stock sheets at very moderate fee. 419/389, London Office of this Paper.

BUSINESSES WANTED

7/6 for 40 words or less. 2d. for every additional word

ADVERTISER wishes to purchase a neglected or otherwise Proprietary product, cash available for interesting proposition. 418/377, London Office of this Paper.

WANTED. Registered Toilet Preparations Business with or without quotas. London or provinces. 418/365, London Office of this Paper.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

Employment of Women (Control of Engagement) Order 1942

With certain exceptions, women over 18 and under 31 years of age seeking Employment and Employers seeking to engage such women are now required to do so only through the local office of the Ministry of Labour and National Service or an approved employment agency.

RETAIL (HOME)

ASSISTANT, Qualified preferred, but not essential: either sex; for Dispensing and Counter in busy country town Pharmacy in S.W., twenty miles from coast. Easy hours. No extra duty. Good salary. Full particulars to A. A. Ball, M.P.S., Ilminster, Somerset. **CHIEFLY** for Dispensing. Easy hours arranged in small country business. Qualified lady or gentleman required. CDB/1165, London Office of this Paper.

DISPENSER. Unqualified, state age, experience, and salary required. C. J. Simpson, Dispensing Chemist, 218 Spring Road, Sholing, Southampton.

DOCTOR, reception area, Norfolk, requires Dispenser-Bookkeeper for country practice. State salary required, when free, etc. 418/382, London Office of this Paper.

EXPERIENCED ASSISTANT required (either sex) for Drug Department; good references essential. Apply giving full particulars of experience, etc., to R. W. Duck & Son, Ltd., Chemists, St. John's Square, Cardiff.

LADY ASSISTANT required, accurate Dispenser. State experience, qualifications (if any) and salary required. Apply to the Manager, the Borough of Reading Medical Society, Ltd., 10 Gun Street, Reading.

LONDON Co-operative Society, Ltd., invite applications from Qualified Pharmacists, male or female, for progressive positions in the London area. Apply, Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

MANAGER, either sex, wanted for Branch at early date. Mercer's, Ltd., 265 Oldham Road, Rochdale, Lancs.

QUALIFIED Chemist required to take charge of West-End Pharmacy. Permanency. Apply 416/298, London Office of this Paper.

QUALIFIED Manager wanted for Leeds shop. Please state salary required and whether exempt or deferred. 418/366, London Office of this Paper.

SOUTH OF ENGLAND. Managers, male or female, required for branches at Brighton, Windsor, Dartford, Dorking, Evesham, Worcester, Isle of Wight, Torquay, Uxbridge, Sutton, Farnborough, Grantham, Southampton, and other districts. Good salaries, commission. Apply, giving full particulars, to Retail Drug Department, Timothy Whites & Taylors, Ltd., 70 Vauxhall Bridge Road, S.W.1.

TAYLORS BRITISH CHEMISTS will shortly have vacancies for Qualified Managers and Assistants, male or female, in Birmingham and Midlands, Leeds, Hartlepool, Houghton-le-Spring, Birkenhead, Whitby, Retford, Liverpool, Darlington, Wheatley Hill, Goldthorpe, Sunderland. Apply Retail Staff Dept., Burley Hill, Leeds, 4.

TIMOTHY WHITES & TAYLORS are requiring qualified Managers as replacements for men being called up at Southampton, Worcester, Chatham, Dartford, Dorking, Isle of Wight, Portsmouth, Torquay, Finchley, Farnborough, etc. Good salaries, commission. Local interview arranged. Apply, in the first place, to Retail Drug Department, 70 Vauxhall Bridge Road, London, S.W.1.

UNQUALIFIED Assistant, lady or gentleman (exempt), required in good-class pharmacy, for Dispensing and Counter. Short hours; no Sunday or holiday duties. Good references essential. Apply, stating salary required and all the usual particulars, to Webb, 15 Jameson Road, Harpenden.

UNQUALIFIED Assistant required (either sex) for good-class business. Please apply with usual particulars and photograph if possible to J. R. Cave (1922), Ltd., 52 Nevill Street, Southport.

WANTED, Active, Competent Assistant for good-class country business. No N.H.I. dispensing. No Sunday or holiday duty; quiet area. Apply H. Meynell, Tenterden, Kent.

WANTED. Chiropodist, male or female, for the duration of the war. Applications, stating age, experience and wages required, to be addressed to the Secretary, Scunthorpe Co-operative Society, Ltd., 180 High Street, Scunthorpe.

WHOLESALE

AGENT calling on Chemists, excellent proprietary article, proved seller, popular price, excellent commission rate. Territories available: London, South Coast, Lancashire, Yorkshire, Northern Counties, Scotland. State ground covered. Harbet Productions, 25 Poland Street, London, W.1.

ASSISTANT required for Laboratory, Qualified or Unqualified. Good prospects to right man; would suit Unqualified Assistant with Retail experience. Write, Northam Warren, Ltd., Bath Road, Trading Estate, Slough.

COMPANY having taken over production and marketing of well-known preparations nationally advertised, requires full-time Representatives to call on chemists, Wholesale and Retail. Commission and expenses offered. 418/388, London Office of this Paper.

LONDON Office of Manufacturing Chemists require Representatives to sell Pharmaceutical preparations to Industrial concerns. Pharmaceutical knowledge essential. Previous experience of this type of representation an advantage. Full details first letter please. 418/369, London Office of this Paper.

MANUFACTURING Chemists require Research Chemist who has idea capable of development now or post-war. No objection to its being Chemical Production as distinct from Pharmaceutical or only partially completed. 418/376, London Office of this Paper.

MANUFACTURING Chemists require the services of a Representative to sell pharmaceuticals to Industrial concerns in the Birmingham, Midlands, area. Unqualified man will be entertained. Previous experience in this class of representation an advantage. Please furnish us with full details in your first application to save correspondence. 418/368, London Office of this Paper.

PHARMACISTS required by Manufacturing Chemists for various duties: (1) Laboratory, (2) Assistant to General Manager, (3) Assistant to Superintendent, (4) Purchasing Department. Those interested are invited to give full details of career, and indicate the section for which they are applying. 417/347, London Office of this Paper.

RE-ORGANISATION opens opportunity for three good Travellers to represent firm dealing in raw material and proprietaries, calling on chemists in Birmingham, Bristol and Scotland. Commission or salary basis offered; good existing connexions handed over. 418/381, London Office of this Paper.

REPRESENTATIVE, with best connexions among Chemists, Druggists, Hairdressers, etc., for Midland, North-West Counties and North Wales required, on commission basis. Lines to handle are Wax Compounds, Essential Oils, etc., offering exceptional opportunities and quick sale. Applications, 418/363, London Office of this Paper.

REPRESENTATIVES required. The manufacturers of a new brand of Sanitary Towels would be pleased to hear from representatives already well introduced to Wholesale Drapers and Chemists, who are interested in carrying an additional line. In first instance, write in confidence giving details of areas covered, lines already carried, etc., to BM/ALKEN, London, W.1.

REPRESENTATIVES with connexion Wholesale, Retail Chemists, small Grocers. For first-class Dental Plate Cleaning Powder. Excellent commission. Attractive tins. Makes remunerative side line; others available. Only those thoroughly covering reasonable territory need apply. 418/362, London Office of this Paper.

REPRESENTATIVES regularly calling Retail Chemists with excellent connexions required for Midlands, Wales, South-West England and Home Counties, on high commission basis. 419/390, London Office of this Paper.

REQUIRED, Consulting Chemist, expert in manufacturing ampoule preparations. 418/387, London Office of this Paper.

REQUIRED for a North London Chemical Works the services of an experienced Chemist for Works Research Laboratory. Previous works experience essential. Apply by letter stating full particulars and salary required. 418/385, London Office of this Paper.

TABLET-MAKER. Good position with prospects offered to competent tablet-maker with initiative and ability. Must be used to dealing with large batches, N.W. England. State age, liability to military service, when disengaged, details of experience, salary required. CDB/1164, London Office of this Paper.

THE WELLCOME FOUNDATION, LTD., invite applications from Pharmaceutical Chemists for a vacancy in their Pharmaceutical Development Laboratories. Preference will be given to applicants having a degree in science. The position is permanent and pensionable (contributory scheme). Applications should be addressed to Chief Pharmacist, Wellcome Chemical Works, Dartford, Kent.

WELL-KNOWN Organisation has vacancies for Representatives in following areas: London, West Midlands, S.W. Counties, N.E. England, Scotland. Must have initiative and be exempt military service; Chemist trained and able to drive car. Previous experience as representative not essential. Reply giving age, details of positions held, etc., to 418/367, London Office of this Paper.

WILLIAM RANSOM & SON, LTD., HITCHIN. require Laboratory Assistant with knowledge of pharmaceutical analysis and research. Reply, stating age, previous experience, qualifications and salary required.

WORKS Chemist required by old-established Manufacturing Chemists in Yorkshire, to take charge of manufacturing processes, plant, and supervision of staff. Must have an academic degree together with some practical Works experience of pharmaceuticals including assay of raw materials, drugs, essential oils, etc. Excellent prospects and permanent position to man of enthusiasm and ability. Not liable for military service. Apply, stating age, salary suggested, references, and general experience, in confidence to 418/384, London Office of this Paper.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

GOOD opportunity for Pharmacist (male or female), over military age or exempt, to acquire share in good family business in the Midlands; present proprietor (over 70) is seeking relief; salary offered, £7 per week, and if at end of three months arrangement is mutually satisfactory 250 shares will be given, or if applicant can invest £750, a one-third share interest in a profitable and progressive £3000 business with excellent distributable profits. Ernest J. George & Co., 35 Bridge Street, Walsall, and 329 High Holborn, London, W.C.1.

OWNERS of High-class Proprietary Remedy, to reduce expenses, would join another firm with Packing and Distribution facilities. Open to consider any practical proposition making for economy. Write to 418/372, London Office of this Paper.

MINISTRY



OF SUPPLY

Urgently needed for Munitions of War

YOUR METAL FITTINGS

AND FIXTURES

All those display fixtures and shop fittings dumped in back room and cellar —or serving no useful purpose in shop and store . . . are urgently needed, particularly if they are made from any of the non-ferrous metals . . .

COPPER · ZINC · LEAD · PEWTER · WHITE METAL
BRASS & BRONZE · ALUMINIUM

The most vital parts of engines, instruments and weapons of war are made from these metals, which normally have to be imported from all over the world. Help to save the thousands of tons of shipping space that would otherwise be needed to bring these metals over thousands of miles of dangerous seas. Hand in all fittings and fixtures that are broken or serving no immediate useful purpose ; as well as every other unwanted article made from non-ferrous metals.

CHEMISTS! SEE THAT YOUR CUSTOMERS
 hand in all their old tubes.

Millions of empty tubes will provide tons of lead and tin for munitions. You can see that every possible tube — shaving cream, toothpaste, ointment, paint — is collected for this vital purpose.

HOW TO DISPOSE OF METAL
SCRAP

1. Put it out for collection by a Local Authority, or hand it to a Local Authority Depot.
2. Or sell it to a Merchant.
3. **SPECIAL COLLECTIONS** of amounts over ONE TON may be obtained by getting in touch with the nearest Demolition & Recovery Officer. If you don't know his name, write to The Ministry of Works and Planning, Lambeth Bridge House, London, S.E.1.

SALVAGE STEWARDS ARE WANTED.

Salvage Stewards, by personal example and advice, can help speed up the collection of Salvage of all kinds. If you can help, apply to your Local Authority and so do your bit towards increasing the collection of **PAPER, RUBBER, RAGS, BONES, KITCHEN WASTE—AND METAL.**

**BRITISH ALKALOIDS
AND FINE CHEMICALS**

WHIFFEN

BROMIDES IODIDES

MERCURIALS - ATROPINE
CAMPHOR - NICOTINE - NICOTINIC ACID
SALICIN - CAFFEINE - EMETINE
QUININE - STRYCHNINE - VERMILION
PRUNELLA - ESSENTIAL OILS
CLOVE OIL - SANDALWOOD OIL
ALMOND OIL - EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

WHIFFEN & SONS LTD.

INCORPORATING GEORGE ATKINSON & COMPANY. ESTABLISHED 1654

FULHAM, LONDON, S.W.6

'Phone FULHAM 0037. 'Grams "WHIFFEN, LONDON"

MANDECAL

Mandelic acid is still the drug most generally prescribed for the treatment of certain infections of the urinary tract, and is a valuable alternative to the sulphonamides in resistant cases or hypersensitive patients. Mandecal is a pleasantly-flavoured powder containing 75 per cent. of calcium mandelate in a form readily miscible with water to form an even suspension.

Mandecal is indicated for the treatment of B. coli infections of the urinary tract, and the collateral administration of an acidifying substance is unnecessary in the majority of cases.



PRICES:

Bottle of 130 grm.

Retail (including tax) 13/11

Wholesale per doz., 100/- (Plus Tax at 16½%)

Announcements similar to this are appearing in the medical press.

THE BRITISH DRUG HOUSES LTD. LONDON N.1

Printed in Great Britain for the Proprietors by THE PITMAN PRESS, Lower Bristol Road, Bath, and Published weekly by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2—November 21, 1942